



[www.werka - de.com](http://www.werka-de.com)



werka 2025/2

- measuring tools, selected -

Werka Deutschland GmbH

Digital Caliper



- accuracy according to DIN 862
- large LCD display
- inductive measurement system
- made of stainless steel, hardened
- buttons: ON/OFF, mm/inch, ZERO
- CR 2032 Battery
- deliver with inspection report

No.	Range	Reading	Accuracy	Euro/pc
2229 - 150	0 - 150 mm/0 - 6"	0.01 mm/0.00005"	0.02 mm	57.00
2229 - 200	0 - 200 mm/0 - 8"	0.01 mm/0.00005"	0.03 mm	83.50
2229 - 300	0 - 300 mm/0 - 12"	0.01 mm/0.00005"	0.03 mm	112.00

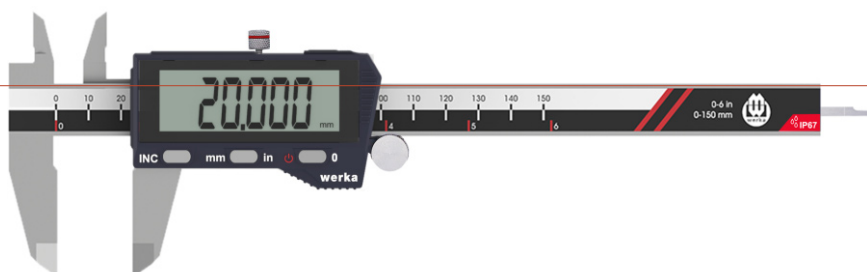
IP67 Water - Proof Digital Caliper



- TOP quality, accuracy according to DIN 862
- IP67 protection, water and dust resistant
- stainless steel, hardened
- four way measurement
- new designed precision and high quality construction
- with INC, MODE, HOLD and POWER/0 four buttons
- in plastic box
- with 3V CR 2032 battery
- deliver with inspection report

No.	Range	Reading	Accuracy	Euro/pc
210 - 7756	0 - 150 mm/0 - 6"	0.01 mm/0.00005"	0.02 mm	89.00

IP67 Water - Proof Digital Caliper 0.001 mm



- Top quality
- accuracy according to DIN 862
- large LCD display.
- IP67 protection, water and dust resistant
- inductive measurement system
- made of stainless steel, hardened
- buttons: INC, mm/inch, 0/ON/OFF
- CR 2032 Battery
- deliver with inspection report

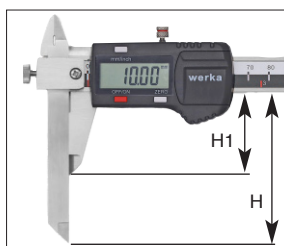
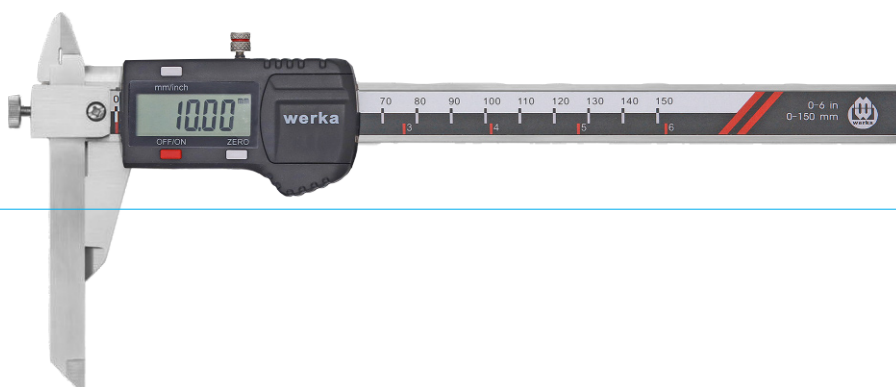
No.	Range	Reading	Accuracy	Euro/pc
2230 - 150	0 - 150 mm/0 - 6"	0.001 mm/0.00005"	0.01 mm	115.00
2230 - 200	0 - 200 mm/0 - 8"	0.001 mm/0.00005"	0.02 mm	145.00
2230 - 300	0 - 300 mm/0 - 12"	0.001 mm/0.00005"	0.02 mm	185.00



- accuracy according to DIN 862
- inductive measurement system
- made of stainless steel, hardened
- buttons: ON/OFF, mm/inch, ZERO
- CR 2032 Battery
- deliver with inspection report
- packet in plastic box

No.	Range	Reading	Accuracy	Euro/pc
210 - 8895	0 - 150 mm/0 - 6"	0.01 mm/0.00005"	0.02 mm	43.50
210 - 8901	0 - 200 mm/0 - 8"	0.01 mm/0.00005"	0.03 mm	65.00
210 - 8918	0 - 300 mm/0 - 12"	0.01 mm/0.00005"	0.03 mm	92.00

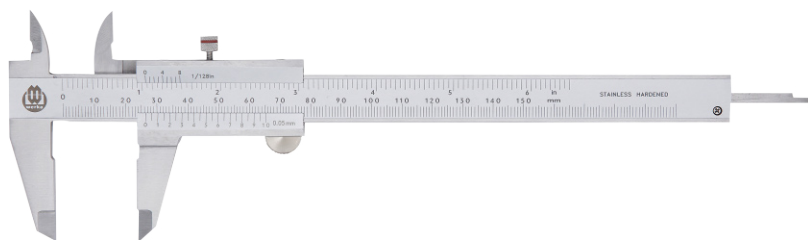
Digital Offset Caliper



- Suitable for measuring the external dimensions of special high and low surface grooves
- Made of stainless steel
- Three buttons: OFF/ON · ZERO · mm/inch
- CR2032 battery
- Packed in plastic box

No.	Range	Reading	Accuracy	H	H1	Euro/pc
2254-150	0 - 150 mm/0 - 6"	0.01 mm/0.00005"	0.04 mm	73 mm	40 mm	174.00
2254-200	0 - 200 mm/0 - 8"	0.01 mm/0.00005"	0.05 mm	79.5 mm	50 mm	213.00

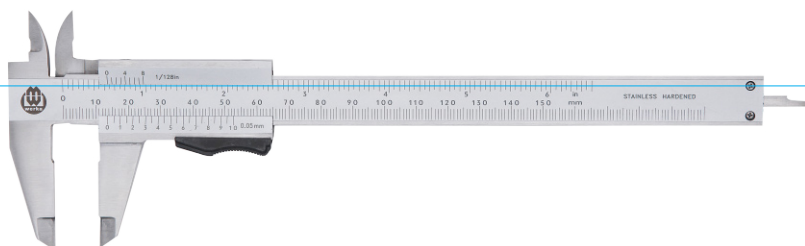
Precision Vernier Caliper



- made of stainless, hardened
- satin chrome finished
- with upper set screw, Metal thumb
- deliver with inspection report
- In plastic box

No.	Range	Reading	Accuracy	Euro/pc
210 - 0016T	0 - 150 mm/0 - 6"	0.05 mm/1/128"	0.05 mm	39.00
210 - 0023T	0 - 200 mm/0 - 8"	0.05 mm/1/128"	0.05 mm	54.50
210 - 0030T	0 - 300 mm/0 - 12"	0.05 mm/1/128"	0.05 mm	76.50

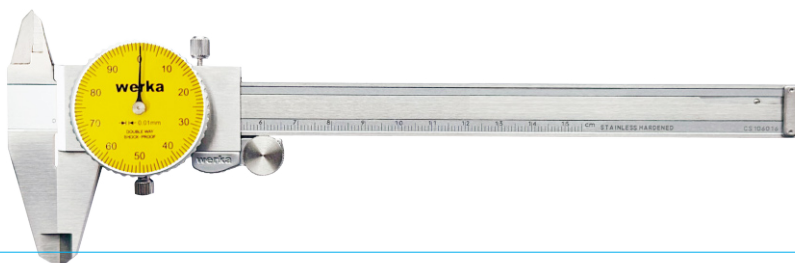
Precision Vernier Caliper



- accuracy according to DIN862
- stainless steel
- satin chrome finished, hardened
- with thumb lock, flat depth rod
- four way measurement
- backside with thread table
- in plastic box
- deliver with inspection report

No.	Range	Reading	Accuracy	Euro/pc
210 - 0122	0 - 150 mm/0 - 6"	0.05 mm/1/128"	0.05 mm	35.00
210 - 9309	0 - 200 mm/0 - 8"	0.05 mm/1/128"	0.05 mm	50.00

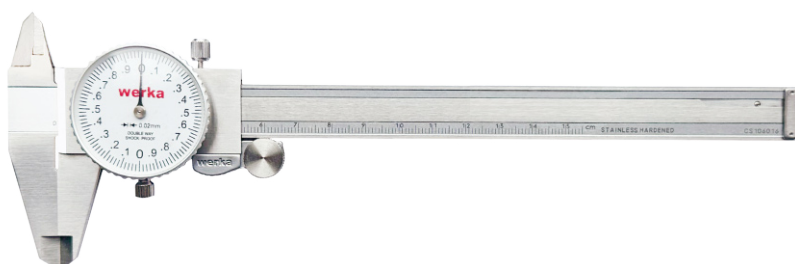
Dial Caliper



- made of stainless steel
- with fine adjustment wheel
- with shock-proof function
- flat depth rod
- with locking screw
- deliver with inspection report
- packed in plastic box

No.	Range	Reading	Accuracy	Euro/pc
2300 - 150T	0 - 150 mm	0.01 mm	0.03 mm	77.50
2300 - 200T	0 - 200 mm	0.01 mm	0.04 mm	99.00
2300 - 300T	0 - 300 mm	0.01 mm	0.04 mm	138.00

Dial Caliper



- made of stainless steel
- with fine adjustment wheel
- with shock-proof function
- flat depth rod
- with locking screw
- deliver with inspection report
- packed in plastic box

No.	Range	Reading	Accuracy	Euro/pc
2301 - 150T	0 - 150 mm	0.02 mm	0.03 mm	72.00
2301 - 200T	0 - 200 mm	0.02 mm	0.04 mm	92.00
2301 - 300T	0 - 300 mm	0.02 mm	0.04 mm	130.00

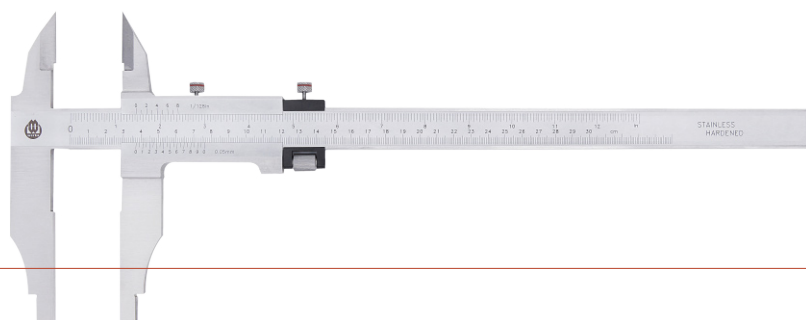
Digital Dial Caliper, IP 67



- Full color LCD
- Analog electronic pointer and analog digital display simultaneously
- Built-in rechargeable lithium battery, magnetic suction charging port
- With six kinds of resolution
- Back light display
- Made of stainless steel
- Measuringfaces hardened
- IP67 Protection, water and dust resistant
- Accuracy according to DIN 862
- DATA, MENU, SET/0
- Delivery with an inspection report
- Prime plastic box

No.	Range	Reading	Accuracy	Euro/pc
2262 - 150	0 - 150 mm	0.01 mm	0.02 mm	127.00
2262 - 200	0 - 200 mm	0.01 mm	0.03 mm	161.00
2262 - 300	0 - 300 mm	0.01 mm	0.03 mm	209.00

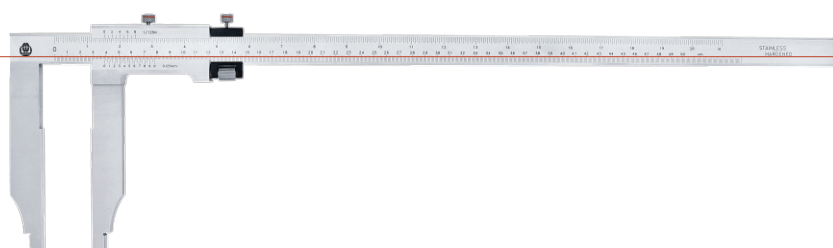
Workshop Vernier Caliper



- stainless steel, hardened
- satin chrome finished
- monoblock, Knife points
- for outside and inside measurement
- with fine adjustment
- in plastic box
- deliver with inspection report

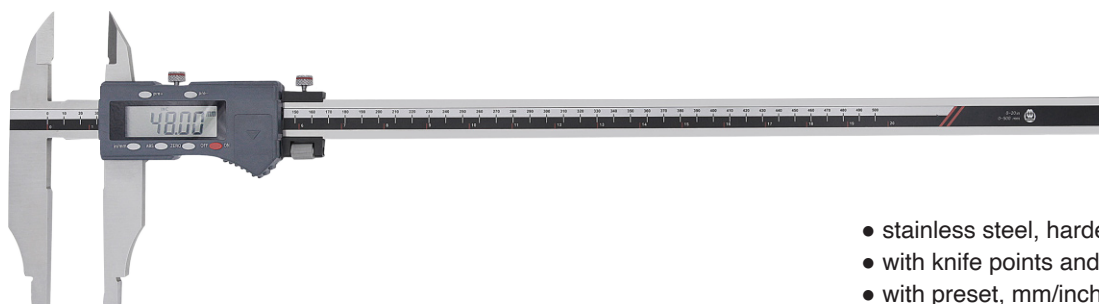
No.	Range	Reading	Length Of Jaw	Accuracy	Inside Measuring	Euro/pc
213 - 8425	0 - 300 mm/0 - 12"	0.05 mm/1/128"	100 mm	± 0.07 mm	20 mm	100.00
213 - 8432	0 - 500 mm/0 - 20"	0.05 mm/1/128"	150 mm	± 0.09 mm	20 mm	265.00
213 - 8449	0 - 1000 mm/0 - 40"	0.05 mm/1/128"	150 mm	± 0.10 mm	20 mm	710.00

Workshop Vernier Caliper



- stainless steel, hardened
- satin chrome finished
- monoblock
- for outside and inside measurement
- with fine adjustment
- in plastic box
- deliver with inspection report

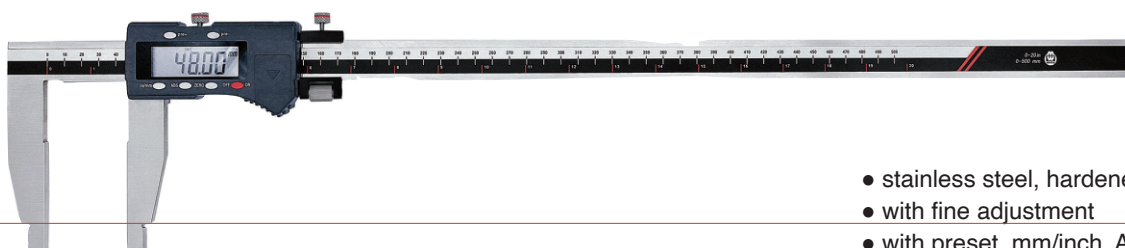
No.	Range	Reading	Length Of Jaw	Accuracy	Inside Measuring	Euro/pc
213 - 8395	0 - 300 mm/0 - 12"	0.05 mm/1/128"	100 mm	± 0.07 mm	20 mm	97.00
2105 - 301	0 - 300 mm/0 - 12"	0.05 mm/1/128"	150 mm	± 0.08 mm	20 mm	153.00
213 - 8401	0 - 500 mm/0 - 20"	0.05 mm/1/128"	150 mm	± 0.09 mm	20 mm	242.00
213 - 8418	0 - 1000 mm/0 - 40"	0.05 mm/1/128"	150 mm	± 0.10 mm	20 mm	625.00



- stainless steel, hardened
- with knife points and fine adjustment
- with preset, mm/inch, ABS, ZERO, OFF/ON buttons
- with 3 V CR 2032 battery
- deliver in plastic box
- with inspection report

No.	Range	Reading	Length Of Jaw	Accuracy	Inside Measuring	Euro/pc
213 - 8609	0 - 300 mm/0 - 12"	0.01 mm/0.0005"	100 mm	± 0.05 mm	20 mm	187.00
213 - 8616	0 - 500 mm/0 - 20"	0.01 mm/0.0005"	150 mm	± 0.06 mm	20 mm	335.00
213 - 8623	0 - 1000 mm/0 - 40"	0.01 mm/0.0005"	150 mm	± 0.07 mm	20 mm	685.00

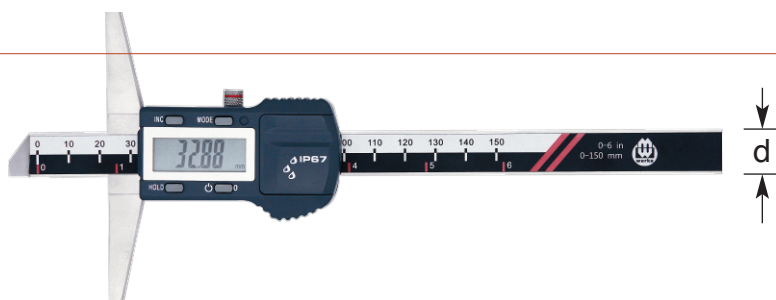
Workshop Digital Caliper



- stainless steel, hardened
- with fine adjustment
- with preset, mm/inch, ABS, ZERO, OFF/ON buttons
- 3 V CR 2032 battery
- deliver in plastic box
- with inspection report

No.	Range	Reading	Length Of Jaw	Accuracy	Inside Measuring	Euro/pc
213 - 8579	0 - 300 mm/0 - 12"	0.01 mm/0.0005"	100 mm	± 0.05 mm	20 mm	179.00
213 - 8586	0 - 500 mm/0 - 20"	0.01 mm/0.0005"	150 mm	± 0.06 mm	20 mm	280.00
213 - 8593	0 - 1000 mm/0 - 40"	0.01 mm/0.0005"	150 mm	± 0.07 mm	20 mm	660.00

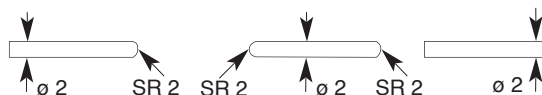
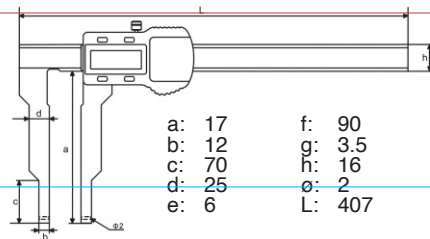
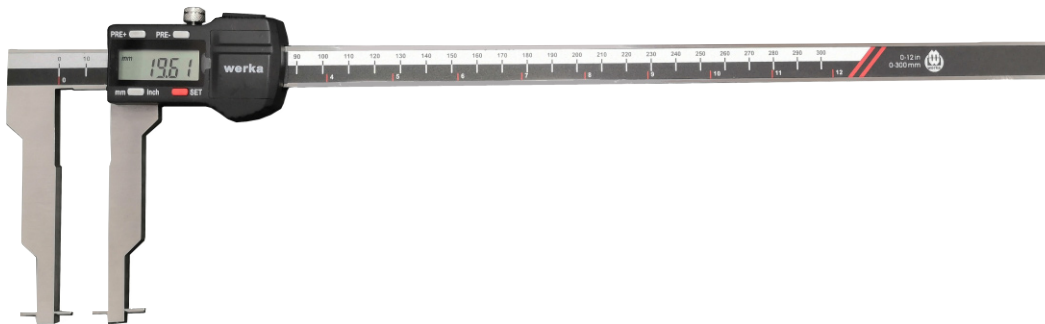
IP67 Digital Depth Gauge



- Top quality, accuracy according to DIN 862
- IP 67 protection, water and dust resistant
- stainless steel, hardened
- finely ground and lapped depth base
- new designed precision and high quality construction
- with INC, MODE, HOLD and POWER/O four buttons
- In plastic box, with 3V CR 2032 battery
- deliver with inspection report

No.	Range	Reading	Length Of Jaw	Accuracy	d	Euro/pc
211 - 7930	150 mm/6"	0.01 mm/0.0005"	100 mm	± 0.03 mm	11.0 mm	98.50
211 - 7947	200 mm/8"	0.01 mm/0.0005"	100 mm	± 0.03 mm	11.0 mm	120.00
211 - 7954	300 mm/12"	0.01 mm/0.0005"	150 mm	± 0.04 mm	13.5 mm	162.00

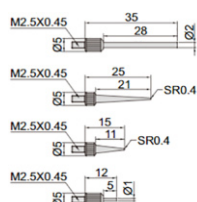
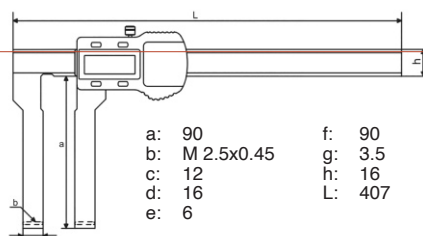
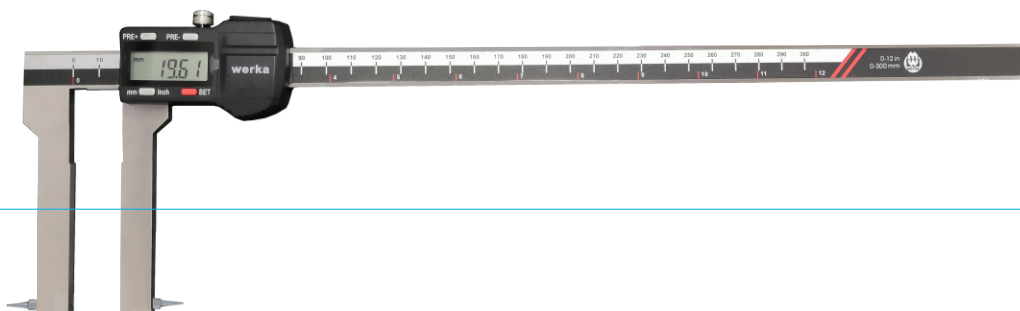
Digital Caliper with Interchangeable Probes



- various probes for the measurement of different inside and outside grooves
- made of stainless steel
- extended jaws, interchangeable probes
- ON/OFF, Reset at any position
- mm/inch, (+/-) Preset
- with data output, stop screw for the vernier
- CR 2032 battery
- deliver with 4 pairs of standard probes
 - 12 mm spherical and flat points
 - 20 mm spherical and flat points
 - 20 mm spherical points
 - 20 mm flat points
- deliver with inspection report and manual
- plastic box

No.	Range	Reading	Accuracy	Euro/pc
2235 - 300B	0 - 300 mm	0.01 mm	0.04 mm	265.00

Digital Caliper with Interchangeable Probes



- various probes for the measurement of different inside and outside grooves
- made of stainless steel
- extended jaws, interchangeable probes
- ON/FF, Reset at any position
- mm/inch, (+/-) Preset
- with data output, stop screw for the vernier
- CR 2032 Battery
- deliver with 4 pairs of standard probes
 - round points, 1 pair Ø 2 x 28 mm
 - conical points, 1 pair SR 0.4 x 21 mm
 - conical points, 1 pair SR 0.4 x 11 mm
 - pin points, 1 pair Ø 1 x 5 mm
- deliver with an inspection report and a manual
- plastic box

No.	Range	Reading	Accuracy	Euro/pc
2235 - 300	0 - 300 mm	0.01 mm	0.04 mm	265.00

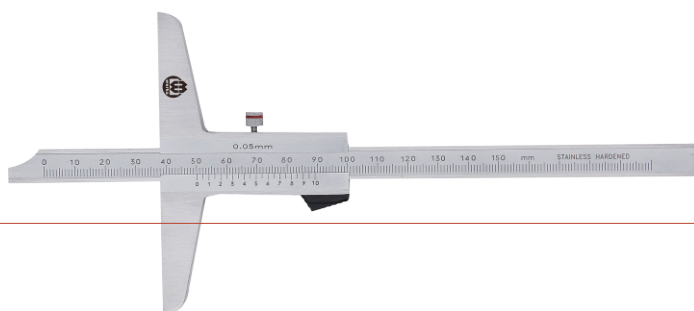
Digital Depth Gauge with Pin



- made of stainless steel
- measuring face with pin, used for small hole depth measurement
- large LCD display, easy reading
- OFF/ON, ZERO, mm/inch
- stop screw for the vernier
- 3 V battery CR 2032
- deliver with an inspection report
- prime plastic box

No.	Range	Reading	Length Of Jaw	Accuracy	d	Euro/pc
2248 - 150C	150 mm/6"	0.01 mm/0.0005"	100 mm	± 0.02 mm	11.0 mm	87.00
2248 - 200C	200 mm/8"	0.01 mm/0.0005"	100 mm	± 0.02 mm	13.5 mm	106.00

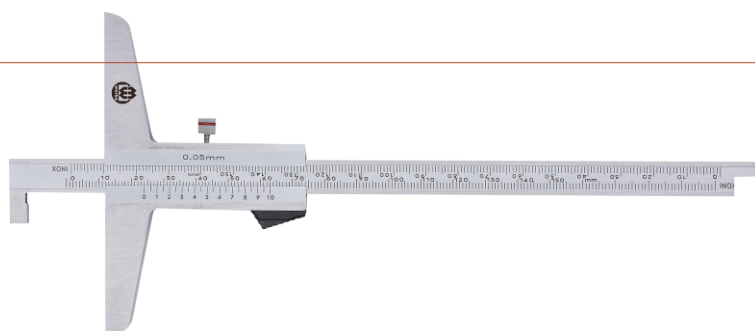
Vernier Depth Gauge



- accuracy according to DIN 862
- made of stainless steel, hardened
- scale and nonius satin chrome finished
- packed in plastic box
- deliver with inspection report

No.	Range	Reading	Length Of Jaw	Accuracy	d	Euro/pc
211 - 0146	0 - 150 mm	0.05 mm	100 mm	± 0.05 mm	11.5 mm	34.50
211 - 9507	0 - 200 mm	0.05 mm	100 mm	± 0.05 mm	11.5 mm	41.50
211 - 0153	0 - 300 mm	0.05 mm	100 mm	± 0.05 mm	11.5 mm	55.30
211 - 0160	0 - 500 mm	0.05 mm	150 mm	± 0.05 mm	11.5 mm	87.50

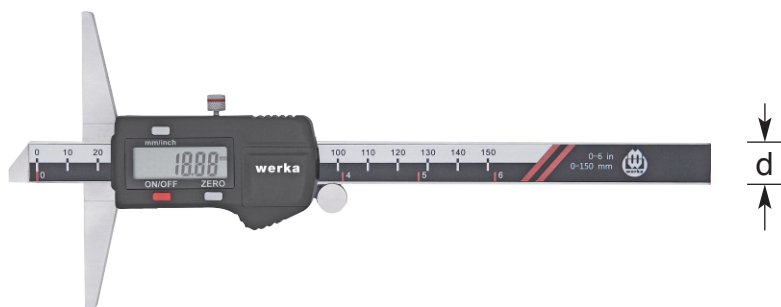
Vernier Depth Gauge with Single Hook



- accuracy according to DIN 862
- made of stainless steel, hardened
- Scale and nonius satin chrome finished
- double scales enable to use as normal depth gauge
- packed in plastic box
- deliver with inspection report

No.	Range	Reading	Length Of Jaw	Accuracy	d	Euro/pc
211 - 0207	0 - 150 mm	0.05 mm	100 mm	± 0.05 mm	11.5 mm	65.00
211 - 0214	0 - 300 mm	0.05 mm	100 mm	± 0.05 mm	11.5 mm	93.00

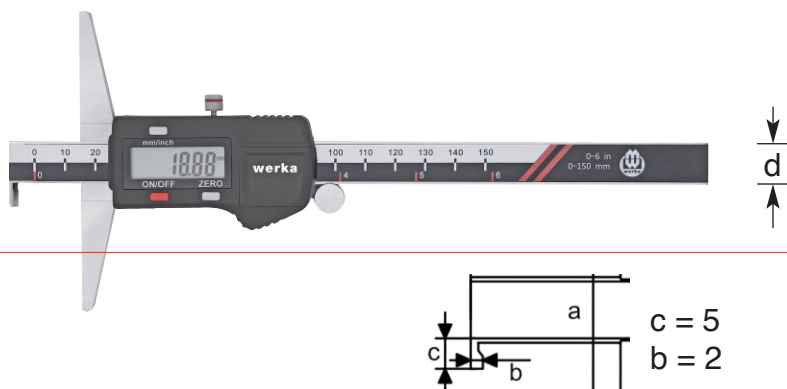
Digital Depth Gauge



- made of stainless steel
- large LCD display, easy reading
- OFF/ON, ZERO, mm/inch
- stop screw for the vernier
- 3 V battery CR2032
- delivered with an inspection report
- prime plastic box

No.	Range	Reading	Length Of Jaw	Accuracy	d	Euro/pc
2247 - 150	150 mm/6"	0.01 mm/0.0005"	100 mm	± 0.02 mm	11.0 mm	59.00
2247 - 200	200 mm/8"	0.01 mm/0.0005"	100 mm	± 0.02 mm	11.0 mm	82.00
2247 - 300	300 mm/12"	0.01 mm/0.0005"	150 mm	± 0.03 mm	13.5 mm	106.00

Digital Depth Gauge with Single Hook



- made of stainless steel
- measuring face with hook, used for thickness measurement
- large LCD display, easy reading
- OFF/ON, ZERO, mm/inch
- stop screw for the vernier
- 3 V battery CR2032
- delivered with an inspection report
- prime plastic box

No.	Range	Reading	Length Of Jaw	Accuracy	d	Euro/pc
2248 - 150	150 mm/6"	0.01 mm/0.0005"	100 mm	± 0.02 mm	11.0 mm	87.00
2248 - 200	200 mm/8"	0.01 mm/0.0005"	100 mm	± 0.02 mm	11.0 mm	105.00
2248 - 300	300 mm/12"	0.01 mm/0.0005"	150 mm	± 0.03 mm	13.5 mm	146.00

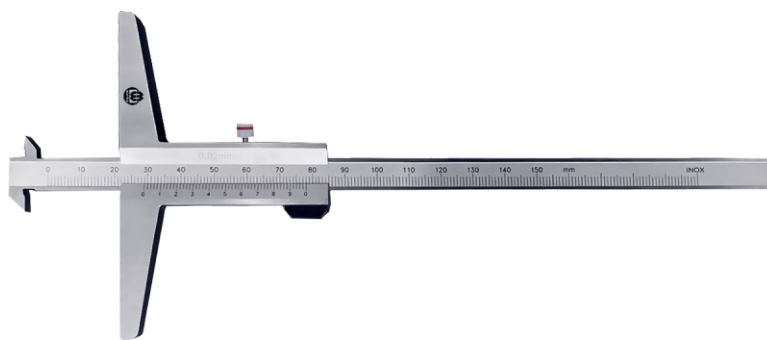
Digital Depth Gauge with Double Hook



- made of stainless steel
- measuring face with double hook, used for thickness measurement
- large LCD display, easy reading
- OFF/ON, ZERO, mm/inch
- stop screw for the vernier
- 3 V battery CR 2032
- deliver with an inspection report
- prime plastic box

No.	Range	Reading	Length Of Jaw	Accuracy	d	Euro/pc
2248 - 150A	150 mm/6"	0.01 mm/0.0005"	100 mm	± 0.02 mm	11.0 mm	107.00
2248 - 200A	200 mm/8"	0.01 mm/0.0005"	100 mm	± 0.02 mm	11.0 mm	126.00
2248 - 300A	300 mm/12"	0.01 mm/0.0005"	150 mm	± 0.03 mm	13.5 mm	165.00

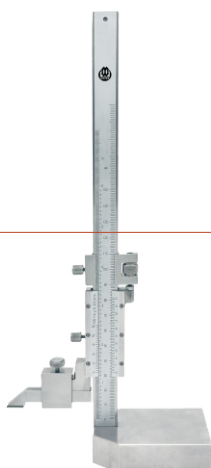
Vernier Depth Gauge with Double Hook



- made of stainless steel, hardened
- scale and nonius satin chrome finished
- measuring face with double hook, can measure the width of groove and position of groove
- deliver with inspection report
- packed in plastic box

No.	Range	Reading	Length Of Jaw	Accuracy	d	Euro/pc
2107 - 5150D	0 - 150 mm	0.05 mm	100 mm	± 0.05 mm	11.5 mm	58.00
2107 - 5200D	0 - 200 mm	0.05 mm	100 mm	± 0.05 mm	11.5 mm	65.00
2107 - 5300D	0 - 300 mm	0.05 mm	150 mm	± 0.05 mm	11.5 mm	84.00

Mini Vernier Height Gauge



- made of stainless steel
- satin chromed plated scale
- with carbide scriber
- with fine adjustment

No.	Range	Reading	Accuracy	Euro/pc
2108 - 2150 - MN	150 mm	0.02 mm	± 0.03 mm	162.00
2108 - 2200 - MN	200 mm	0.02 mm	± 0.03 mm	207.00

Vernier Height Gauge



- accuracy according to DIN862
- made of stainless steel
- with fine adjustment
- carbide-tipped scriber
- scale and nonius satin chrome finished
- sturdy cast iron base, lacquered and lapped bottom working face
- packed in plastic case
- with inspection report

No.	Range	Reading	Accuracy	Euro/pc
216 - 7633	300 mm	0.05 mm	± 0.06 mm	103.00
216 - 7640	600 mm	0.05 mm	± 0.10 mm	204.00

Vernier Height Gauge with Adjustable Guide Bar



- accuracy according to DIN862
- made of stainless steel
- with fine adjustment
- adjustable scale bar, carbide-tipped scriber
- carbide-tipped scriber
- scale and nonius satin chrome finished
- sturdy cast iron base, lacquered and lapped bottom working face
- packed in plastic case
- with inspection report

No.	Range	Reading	Accuracy	Euro/pc
216 - 7657	300 mm	0.02 mm	± 0.06 mm	250.00
216 - 7664	600 mm	0.02 mm	± 0.10 mm	355.00

Mini Digital Height Gauge



- made of stainless steel
- ON/OFF, ZERO, mm/inch
- auto powered off
- with carbide scriber
- with fine adjustment

No.	Range	Reading	Accuracy	Euro/pc
2226 - 150 - MN	150 mm / 6"	0.01 mm/0.0005"	± 0.03 mm	185.00
2226 - 200 - MN	200 mm / 8"	0.01 mm/0.0005"	± 0.03 mm	219.00

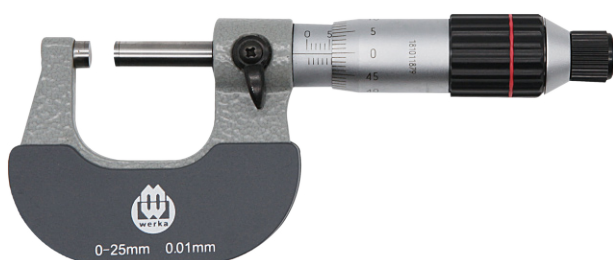
Digital Height Gauge



- made of stainless steel
- with fine adjustment
- carbide-tipped scriber
- powered by 3V battery
- with TOL, ON/OFF/PRE, HOLD, ZERO/ABS/, mm/in, DIR buttons
- sturdy cast iron base, lacquered and lapped bottom working face
- packed in plastic case
- with inspection report

No.	Range	Reading	Accuracy	Euro/pc
216 - 8661	300 mm/12"	0.01 mm/0.0005"	± 0.04 mm	206.00
216 - 8678	600 mm / 24"	0.01 mm/0.0005"	± 0.05 mm	390.00

Outside Micrometers



- accuracy according to DIN 863
- with ratchet friction thimble,
- carbide measuring face
- frame painted, scale chrome finished
- from size 25 - 50 mm including setting gauge
- deliver in cardbox
- with inspection certificate

No.	Range	Reading	Accuracy	Euro/pc
217 - 5400	0 - 25 mm	0,01 mm	0,004 mm	33.00
217 - 5417	25 - 50 mm	0,01 mm	0,004 mm	43.00
217 - 5424	50 - 75 mm	0,01 mm	0,005 mm	46.50
217 - 5431	75 - 100 mm	0,01 mm	0,005 mm	55.00
217 - 5448	100 - 125mm	0,01 mm	0,006 mm	66.00
217 - 5455	125 - 150mm	0,01 mm	0,006 mm	80.50

Outside Micrometer set



- U-shaped frame with plate, painted frame
- ratchet friction thimble device
- with setting gauge and spanner
- deliver with an inspection report

- (3100 - T4) 4 pcs in 1 set, plastic box
- (3100 - T6) 6 pcs in 1 set, aluminum box

No.	Range	Reading	Accuracy	Euro/Set
3100 - T4	0 - 100 mm	0.01 mm	0,004 mm	161.00
3100 - T6	0 - 150 mm	0.01 mm	0,005 mm	285.00

Digital Outside Micrometers IP65



- accuracy according to DIN 863
- IP65 protection, water and dust resistant
- painted framed, with ratchet friction thimble and thimble chrome finished
- carbide measuring face
- with ON/OFF, in/mm and ZERO three buttons
- from size 25 - 50 mm including setting gauge
- data output with mini USB interface
- in plastic box, with 3V CR 2032 battery
- deliver with inspection report

No.	Range	Reading	Accuracy	Euro/pc
217 - 6049	0 - 25 mm/0 - 1"	0.001 mm/0.00005"	0.003 mm	120.00
217 - 6056	25 - 50 mm/1 - 2"	0.001 mm/0.00005"	0.003 mm	136.00
217 - 6063	50 - 75 mm/2 - 3"	0.001 mm/0.00005"	0.004 mm	154.00
217 - 6070	75 - 100 mm/3 - 4"	0.001 mm/0.00005"	0.004 mm	173.00

Internal Micrometer



- with round carbide measuring face
- thimble chrome finished
- with ratchet friction thimble
- with inspection certificate
- deliver in card box

No.	Range	Reading	Accuracy	Note	Euro/pc
217 - 6261	5 - 30 mm	0,01 mm	0,005 mm	with setting ring	107.00
217 - 6278	25 - 50 mm	0,01 mm	0,005 mm	with setting ring	115.00
217 - 6285	50 - 75 mm	0,01 mm	0,007 mm	-	130.00
217 - 6292	75 - 100 mm	0,01 mm	0,008 mm	-	146.00

Three Point Internal Micrometer Set



- for blind hole, satin chrome finished
- with carbide measuring points from 12mm
- with setting rings and extension
- with inspection certificate
- packed in aluminum box

No.	Range	Reading	Accuracy	Setting Ring ø	Extension Rods	d	Euro/Set
217 - 6476	6 - 12 mm, 3 pcs	0,001 mm	0,004 mm	6, 8, 10 mm	100 mm	1.5 mm	880.00
217 - 6483	12 - 20 mm, 2 pcs	0,005 mm	0,004 mm	16 mm	150 mm	0.5 mm	445.00
217 - 6490	20 - 50 mm, 4 pcs	0,005 mm	0,005 mm	25, 40 mm	150 mm	0.5 mm	1,240.00
217 - 6506	50 - 100 mm, 4 pcs	0,005 mm	0,005 mm	62, 87 mm	150 mm	0.5 mm	1,620.00

Digital Indicator



- large display for easy reading
- scale with glass rail for precision sampling
- stem $\varnothing 8$ mm h6, with analog pointer
- tolerance range setting, deviation judgement
- Max and Min data can be searched and stored
- metric and inch conversion
- with USB data output
- absolute and relative measurement, datap reset
- buttons: in/mm, ABS, ZERO/ON, T, M
- packed in plastic box
- with 3V CR 2032 battery
- flat back
- deliver with certificate

No.	Range	Reading	Accuracy	Euro/pc
221 - 9156	0 - 12.7 mm/0 - 0.5"	0.01 mm/0.0005"	± 0.015 mm	121.00
221 - 9163	0 - 25.4 mm/0 - 1"	0.01 mm/0.0005"	± 0.020 mm	135.00
221 - 9170	0 - 50.8 mm/0 - 2"	0.01 mm/0.0005"	± 0.030 mm	270.00
221 - 9187	0 - 12.7 mm/0 - 0.5"	0.001 mm/0.00005"	± 0.005 mm	206.00
221 - 9194	0 - 25.4 mm/0 - 1"	0.001 mm/0.00005"	± 0.010 mm	248.00

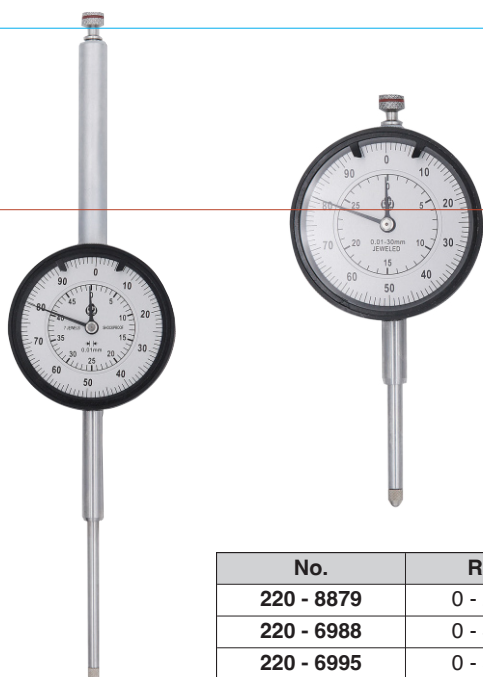
Dial Indicator, Shockproof



- DIN 878
- shockproof
- metal casing
- inside Tolerance markers
- stem $\varnothing 8$ mm h6
- with flat back and one lug back as accessory
- packed in cardbox
- deliver with certificate

No.	Range	Reading	Bezel Dia.	Accuracy	Euro/pc
220 - 6971	0 - 10 mm	0.01 mm	58 mm	± 0.015 mm	61.00

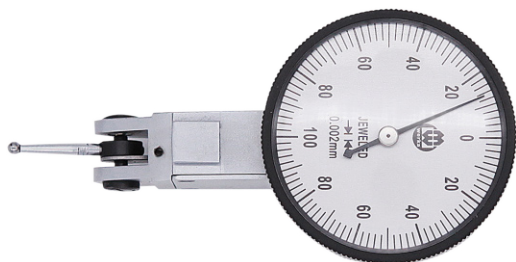
Dial Indicator



- metal casing
- inside Tolerance markers
- stem $\varnothing 8$ mm h6
- with flat back
- conforms to manufacturer standard
- packed in cardbox
- deliver with certificate

No.	Range	Reading	Bezel Dia.	Accuracy	Euro/pc
220 - 8879	0 - 20 mm	0.01 mm	58 mm	± 0.020 mm	53.00
220 - 6988	0 - 30 mm	0.01 mm	58 mm	± 0.025 mm	88.00
220 - 6995	0 - 50 mm	0.01 mm	58 mm	± 0.04 mm	131.00
4102 - 100	0 - 100 mm	0.01 mm	80 mm	± 0.05 mm	265.00

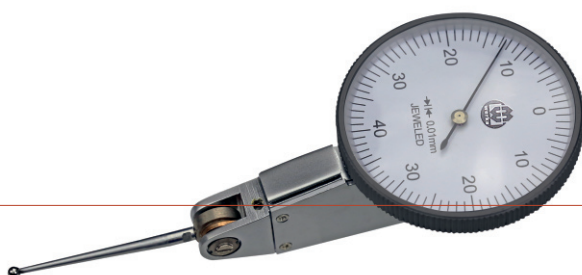
Dial Test Indicators



- high performance of magnetic proof because of high quality brass main body
- Jeweled bearing for high sensitivity and long life
- carbide contact point $\varnothing 2$ mm for long life
- total 3 dovetails for fixing attachments
- supply with accessories: clamping stems $\varnothing 6$ mm and $\varnothing 8$ mm
- packed in card box
- deliver with certificate

No.	Range	Reading	Bezel Dia.	Length Of Stylus	Euro/pc
220 - 7046	0 - 0.8 mm	0.01 mm	30 mm	16.5 mm	71.00
220 - 7053	0 - 0.8 mm	0.01 mm	37.5 mm	16.5 mm	72.00
220 - 7060	0 - 0.2 mm	0.002 mm	37.5 mm	16.0 mm	117.00

Dial Test Indicators with Long Probe



- high performance of magnetic proof because of high quality brass main body
- Jeweled bearing for high sensitivity and long life
- carbide contact point $\varnothing 2$ mm for long life
- total 3 dovetails for fixing attachments
- supply with accessories: clamping stems $\varnothing 6$ mm and $\varnothing 8$ mm
- packed in card box
- deliver with certificate

No.	Range	Reading	Bezel Dia.	Length Of Stylus	Euro/pc
4104 - 28	0 - 0.8 mm	0.01 mm	37.5 mm	46.4 mm	117.00

Precision Comparator Stand



- measuring surface fine ground and diamond lapped
- precision clamp with fine adjustment, range 1 - 1.2 mm
- with $\varnothing 8$ mm and 3/8" clamping hole
- natural granite base
- packed in card box

No.	Working Table	Flatness Of Wrking Table	Thickness of the base	Column	Euro/pc
7132 - G150	150 x 100 mm	2.0 μ m	40 mm	$\varnothing 25$ x 180 mm	250.00
7132 - G210	210 x 150 mm	2.0 μ m	50 mm	$\varnothing 25$ x 180 mm	370.00

Precision Comparator Stand



- with ceramic working table
- precision clamp with fine adjustment range 1 - 1.2 mm
- with ϕ 8 mm and 3/8" clamping hole
- cast base
- packed in cardbox

No.	Working Table	Flatness Of Wrking Table	Thickness of the base	Column	Euro/pc
7132 - C80	80 x 80 mm	1.5 μ m		ϕ 25 x 180 mm	355.00

Bore Gauge



- with dial indicator
- reading 0.01 mm
- with inspection certificate

No.	Range	Reading	Measuring depth	Accuracy	Repeatability	Euro/pc
220 - 7114	6 - 10 mm	0.01 mm	40 mm	\pm 0.012 mm	0.003 mm	166.00
220 - 7121	10 - 18 mm	0.01 mm	100 mm	\pm 0.012 mm	0.003 mm	161.00
220 - 7138	18 - 35 mm	0.01 mm	150 mm	\pm 0.012 mm	0.003 mm	140.00
220 - 7145	35 - 50 mm	0.01 mm	150 mm	\pm 0.012 mm	0.003 mm	141.00
220 - 7152	50 - 160 mm	0.01 mm	150 mm	\pm 0.012 mm	0.003 mm	142.00

Bore Gauge with Digital Indicator



- with digital Indicator
- reading 0.002 mm
- with inspection certificate

No.	Range	Reading	Measuring depth	Accuracy	Repeatability	Euro/pc
221 - 7213	6 - 10 mm	0.002 mm	40 mm	\pm 0.012 mm	0.003 mm	236.00
221 - 7220	10 - 18 mm	0.002 mm	100 mm	\pm 0.012 mm	0.003 mm	233.00
221 - 7237	18 - 35 mm	0.002 mm	150 mm	\pm 0.012 mm	0.003 mm	202.00
221 - 7244	35 - 50 mm	0.002 mm	150 mm	\pm 0.012 mm	0.003 mm	203.00
221 - 7251	50 - 160 mm	0.002 mm	150 mm	\pm 0.012 mm	0.003 mm	204.00

Magnetic Stand



- super locking power
- for dial indicators shank ϕ 6 mm/8 mm and with dovetail for dial test indicators
- with fine adjustment
- prismatic magnetic base with ON/OFF switch (aluminium switch)
- packed in cardbox

No.	Magnetic Force	Base(LxWxH)	Main Stem	Branch Stem	Euro/pc
7131 - 80	80 Kg	60x50x55 mm	12 x 175 mm	10 x 165 mm	55.50
7131 - 100	100 Kg	73x50x55 mm	16 x 250 mm	16 x 200 mm	70.50

Universal Magnetic Stand



- super locking power
- for dial indicators shank ϕ 6 mm/8 mm and with dovetail for dial test indicators
- with fine adjustment
- prismatic magnetic base with ON/OFF switch
- packed in cardbox

No.	Magnetic Force	Base(LxWxH)	Arm Length	Euro/pc
7128 - 80	80 Kg	60x50x55 mm	275 mm	99.00
7128 - 100	100 Kg	73x50x55 mm	355 mm	111.00
7128 - 101	100 Kg	73x50x55 mm	415 mm	120.00

Mini Universal Magnetic Stand



- mini type
- for dial indicators shank 8 mm and with dovetail for dial test indicators
- with fine adjustment
- prismatic magnetic base with ON/OFF switch
- packed in cardbox

No.	Magnetic Force	Base(LxWxH)	Arm Length	Euro/pc
230 - 8203	40 Kg	36x35x30 mm	187 mm	89.00

Magnetic Stand MINI Type



- suitable for measuring small working pieces or use in confined space
- for dial indicators shank ϕ 8 mm
- magnetic base
- packed in cardbox

No.	Magnetic Force	Base (LxWxH)	Euro/pc
7130 - 20	20 Kg	73x37x12 mm	37.00

Electronic Zero Setting Gauge



- with LED signal light
- magnetic base
- LED light up when the cutting tool touch the head
- 1.5 V Battery, LR44

No.	Total Height	Accuracy	Euro/pc
7413 - 01	50 mm	0.01 mm	151.00

Digital Tool Setting Gauge



- inductive measurement system
- LED Display
- response speed 1.6 m/s
- IP 65 protection grade
- light indicating at "0.000"
- auto power off, when no operation for 5 minutes
- 3V lithium battery, low voltage alarm

No.	Total Height	Accuracy	Euro/pc
235 - 9521	50 mm	0.01 mm	107.00

Taper Gauge



- for quick measurement of gap width
- made of stainless steel

No.	Range	Reading	Accuracy	Euro/pc
2601 - 06A	0.4 - 6 mm	0.05 mm	0.04 mm	47.50
2601 - 10A	0.5 - 10 mm	0.05 mm	0.07 mm	50.50
2601 - 15A	1 - 15 mm	0.10 mm	0.08 mm	53.50

Taper Cone Cylinder Gauge



- made of special steel
- hardened and fine ground
- knurled handle (black oxide), made of - aluminium
- matt chrome finish

No.	Range	Reading	Accuracy	Euro/pc
2601 - 06	1 - 6.5 mm	0.1 mm	0.06 mm	51.00
2601 - 15	3 - 15 mm	0.1 mm	0.06 mm	54.50
2601 - 30	15 - 30 mm	0.1 mm	0.06 mm	82.00

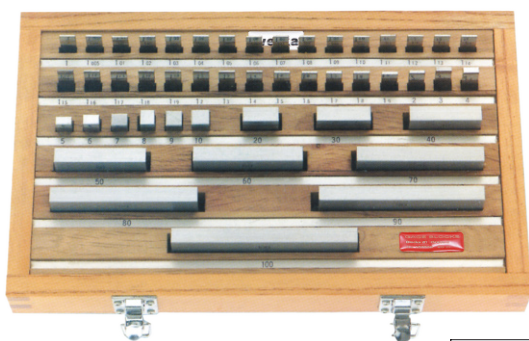
Small Taper Bore Gauge



- for fast measurement of smaller bore diameter
- with protective cover
- packed in plastic box

No.	Range	Reading	Accuracy	Euro/pc
2601 - 05	0.1 - 5 mm	0.01 mm	0.03 mm	223.00

Steel Gauge Block Sets



- according to DIN EN ISO 3650 for metric
- made from high quality alloy steel
- hardness of measuring face \geq HRC 64
- with individual certificate
- packed in wooden box

No.	Pcs/Set	Nominal Size	Degree	Euro/Set
280 - 5127	32	1 x 1.005 mm 9 x 1.01 - 1.09 mm 9 x 1.10 - 1.90 mm 9 x 1 - 9 mm	0	385.00
280 - 5134	32	4 x 10 - 30, 50 mm	1	238.00
280 - 5097	47	1 x 1.005 mm 20 x 1.01 - 1.20 mm 7 x 1.30 - 1.90 mm	0	545.00
280 - 5103	47	9 x 1 - 9 mm 10 x 10 - 100 mm	1	340.00
280 - 5066	87	9 x 1.001 - 1.009 mm 49 x 1.01 - 1.49 mm 19 x 0.5 - 9.5 mm	0	875.00
280 - 5073	87	10 x 10 - 100 mm	1	540.00

Plug Gauge Set



- made of special steel
- finely ground and lapped
- standard DIN 2245
- tolerance H7
- deliver with certificate
- prime plastic box

No.	Content	Euro/Set
5107 - S7	3, 4, 5, 6, 8, 10, 12 mm	153.00

Plug Gauge Set



- made of special steel
- finely ground and lapped
- DIN 13, right, Go and NOG tips
- tolerance 6H
- deliver with certificate
- prime plastic box

No.	Content	Euro/Set
5109 - S7	M 3, M 4, M 5, M 6, M 8, M 10, M 12 mm	214.00

Precision Inspection Beveled Edge Square



- DIN 875/00
- made of stainless steel
- with two bevelled edges, hardened
- working surface lapped

No.	Size	Section	Accuracy	Euro/pc
240 - 1273	50 x 40 mm	14 x 10 mm	DIN 875/00	20.30
240 - 1280	75 x 50 mm	14 x 10 mm	DIN 875/00	24.50
240 - 1297	100 x 70 mm	18 x 12 mm	DIN 875/00	27.00
240 - 1303	150 x 100 mm	24 x 14 mm	DIN 875/00	44.00
240 - 1310	200 x 130 mm	28 x 16 mm	DIN 875/00	56.50

Precision Inspection Squares 90°



- DIN 875/1
- made of stainless steel
- working surface lapped

No.	Size	Section	Accuracy	Euro/pc
240 - 0894	75 x 50 mm	15 x 5 mm	DIN 875/1	11.70
240 - 0900	100 x 70 mm	20 x 5 mm	DIN 875/1	13.95
240 - 0917	150 x 100 mm	25 x 5 mm	DIN 875/1	19.50
240 - 0924	200 x 130 mm	30 x 6 mm	DIN 875/1	29.50
240 - 0948	300 x 200 mm	40 x 8 mm	DIN 875/1	58.50

Precision Inspection Squares with Base 90°



- DIN 875/1
- made of stainless steel
- working surface lapped

No.	Size	Section	Accuracy	Euro/pc
240 - 0979	75 x 50 mm	15 x 5 mm	DIN 875/1	18.75
240 - 0986	100 x 70 mm	20 x 5 mm	DIN 875/1	22.00
240 - 0993	150 x 100 mm	25 x 5 mm	DIN 875/1	28.50
240 - 1006	200 x 130 mm	30 x 6 mm	DIN 875/1	40.00
240 - 1020	300 x 200 mm	40 x 8 mm	DIN 875/1	67.00

Acute Angle Squares 45°



- DIN 875/2
- flat type
- made of stainless steel
- packed in cardbox

No.	Size	Section	Accuracy	Euro/pc
240 - 2034	100 x 70 mm	20 x 5 mm	DIN 875/2	19.50
240 - 2058	150 x 100 mm	20 x 5 mm	DIN 875/2	24.50
240 - 2065	200 x 130 mm	20 x 5 mm	DIN 875/2	30.00

Acute Angle Squares 45°



- DIN 875/2
- with base
- made of stainless steel
- packed in cardbox

No.	Size	Section	Accuracy	Euro/pc
240 - 2096	100 x 70 mm	20 x 5 mm	DIN 875/2	22.50
240 - 2119	150 x 100 mm	20 x 5 mm	DIN 875/2	29.00
240 - 2126	200 x 130 mm	20 x 5 mm	DIN 875/2	41.00

Hexagon Squares 120°



- DIN 875/2
- flat type
- made of stainless steel
- packed in cardbox

No.	Size	Section	Accuracy	Euro/pc
240 - 2287	75 x 75 mm	15 x 5 mm	DIN 875/2	18.80
240 - 2294	100 x 100 mm	20 x 5 mm	DIN 875/2	26.50
240 - 2317	200 x 200 mm	30 x 6 mm	DIN 875/2	35.50

Mitre Squares 135° With Base



- DIN 875/2
- with base
- made of stainless steel
- packed in cardbox

No.	Size	Section	Accuracy	Euro/pc
240 - 2324	100 x 70 mm	20 x 5 mm	DIN 875/2	22.50
240 - 2348	150 x 100 mm	20 x 5 mm	DIN 875/2	27.50
240 - 2355	200 x 130 mm	25 x 5 mm	DIN 875/2	36.50

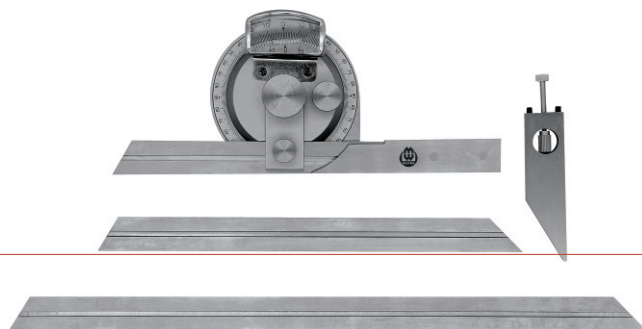
Precision Inspection Beveled Edge Square



- DIN 874/00
- made of special steel, black oxide
- bevelled edge, fine ground and lapped
- with black insulation handle

No.	Size	Accuracy	Euro/pc
241 - 1372	100 mm	DIN 875/00	13.35
241 - 1396	150 mm	DIN 875/00	16.75
241 - 1402	200 mm	DIN 875/00	21.50
241 - 1419	300 mm	DIN 875/00	41.50
241 - 1433	500 mm	DIN 875/00	88.50

Universal Bevel Protractors



- made of stainless steel
- laser marking graduation
- all measuring face hardened and lapped
- with fine adjustment, adjustable bezel
- acute angle base as standard accessory
- measuring range 360°
- reading 5', accuracy $\pm 5'$
- packed in cardbox

No.	Rule	Euro/pc
242 - 0504	150, 200 , 300 mm	117.00

Digital Spirit Level



- made of high quality special cast iron
- V-groove suitable for shaft or round parts
- button: ON/OFF, M, HOLD
- packed in plastic box

No.	Size	Accuracy	Euro/pc
6133 - G200	200 mm	0.02 mm	485.00

Coating Thickness Gauge



Technical Data

Measuring range:	0 - 1500 μm
Resolution:	0.1 μm (0 - 99.9 μm), 1 μm (100 - 1500 μm)
Accuracy:	$\pm 2\%$ H+1 μm H = coating thickness
Measurement Mode:	Single/Continuous
Unit Options:	μm / mil
Thinnest Substrate:	0.3 mm
Maximal Curvature:	convex 5 mm/ concave 25 mm
Operating Conditions:	Temperature: - 10 - 50 $^{\circ}\text{C}$ Humidity: 0 - 85% RH
Power Supply:	2x AAA Battery (1.5V)
Dimensions:	101x61x26 mm
Weight:	54 g (without Batteries)

- widely used in manufacturing, such as metal manufacturing, chemical, commodity inspection and other measurement fields area.
- 2 in1 for steel and aluminum
- adopt high-speed MCU and advanced algorithm to ensure the accuracy and efficiency of measurement.
- the instrument supports fast measurement and continuous measurement, and the measurement speed can reach 0.3 s/time
- the wear-resistant metal probe can ensure stable data when measuring on hard or rough surfaces, and the probe wears more than 500,000 times
- small in size, light in weight and easy to carry
- wide measurement range, high precision and good stability, which can meet the measurement of ultra-thin coatings
- automatic power off, Large LCD display, easy to reading
- prime plastic box

No.	Range	Euro/pc
542 - 0252	0 - 1500 μm	300.00

Ultrasonic Thickness Gauge



Technical Data

Working mode:	There are two working modes of thickness measurement: single mode and scan mode
Display:	LCD LCD with backlight
Measuring unit:	mm/in
Resolution:	0.1 mm / 0.01 mm / 0.001inch
Accuracy:	$\pm(0.5\% n+0.05 \text{ mm})$, depends on materials and conditions
Measurement Period:	4 times per second for single point mode and 10 times per second for scan mode
Sound Velocity:	1000 m/s - 9999 m/s
Data storage:	Memory for up to 20 files (99 values for each file) of stored values
Operating Conditions:	Temperature: 0 - 40 $^{\circ}\text{C}$ Humidity: < 85% RH
Power Supply:	4x1.5 V AAA (UM - 4) Battery
Dimensions:	142x72x34 mm
Weight:	175 g (Not Including Batteries)

- used for measuring thickness and corrosion of pressure vessels, chemical equipment, boilers, oil storage tanks, etc. in industries of petroleum, shipbuilding, power station and machine manufacturing.
- Multi-mode: Pulse - Echo mode (used for flaw and pit detection) and Echo - Echo mode (used for measurements eliminating paint or coating thickness)
- using the latest high performance and low power consumption microprocessor technology
- automatic memory material code and sound velocity value, convenient to use
- use USB/RS - 232 data output to connect with PC
- with coupling status prompt function
- automatic power off

No.	Range	Euro/pc
543 - 1030	Pulse - Echo mode: 1.0 mm - 300 mm (in steel) Echo - Echo mode: 3 mm - 30 mm	625.00

Hand - Held Roughness Tester



Technical Data

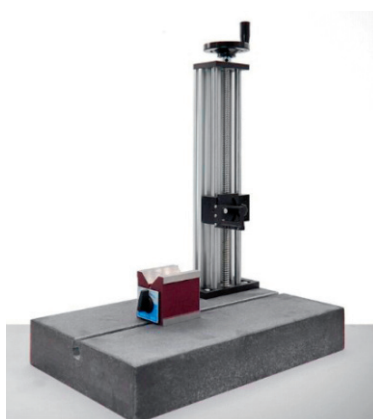
Measuring range:	Z - axis vertical: $\pm 80 \mu\text{m} / \pm 160 \mu\text{m}$ X - axis horizontal: 20 mm
Resolution:	Z - axis vertical 0.01 $\mu\text{m} / \pm 20 \mu\text{m}$, 0.02 $\mu\text{m} / \pm 40 \mu\text{m}$, 0.04 $\mu\text{m} / \pm 80 \mu\text{m}$, 0.08 $\mu\text{m} / \pm 160 \mu\text{m}$
Parameters:	Z - axis vertical Ra, Rz, Rq, Rt, Rp, Rv, R3z, R3y, Rz(JIS), Rs, Rsk, Rsm, Rku, Rmr, Ry(JIS), Rmax, RPc, Rk, Rpk, Rvk, Mr1, Mr2
Standards:	ISO, ANSI, DIN, JIS
Graphics:	material ratio curve, roughness profile, contour
Filters:	RC, PC - RC, Gauss, D - P
Sampling Length:	0.25, 0.8, 2.5 mm
Assessment length:	$L_n = l_r \times n$, $n = 1 - 5$
Measuring principle:	differential conductance displacement sensor
Contact tip:	diamond, taper 90° , radius of contact tip $5 \mu\text{m}$
Measuring force:	$< 4 \text{ mN}$
Guide:	carbide, radius of moving direction
Moving speed:	$l_r = 0.25$, $V_t = 0.135 \text{ mm/s}$ $l_r = 0.8$, $V_t = 0.5 \text{ mm/s}$ $l_r = 2.5$, $V_t = 1 \text{ mm/s}$ Return $V_t = 1 \text{ mm/s}$
Accuracy error:	$< \pm 10 \%$
Repeatability:	$< 6\%$
Power:	Built-in Lion rechargeable battery, Charge
Size:	host: $64 \times 53 \times 160 \text{ mm}$, Drive: $23 \times 27 \times 115 \text{ mm}$
Host Weight:	380 g
Temperature:	Operating temperature: $-20^\circ\text{C} - 40^\circ\text{C}$ Storage: $-40^\circ\text{C} - 60^\circ\text{C}$
Humidity:	$< 90\% \text{ RH}$

- This hand-held roughness tester is ergonomically designed and a mechanical-electrical integration product, small and light, easy to operate. It is very much applicable for the measurement (e.g. plane, curvature, oblique plane, hole, groove, shaft) on site such as roughness inspection for parts in IQC warehouse, semi-finished products area and work-shop etc.
- split design for flexible use with brackets
- measuring range up to $160 \mu\text{m}$
- 3.8 in TFT touch screen, clear and direct roughness graphs
- with BT to support wireless connection with smartphone and mini printer
- big data memory, 100 readings and graphic groups record
- auto power off, Premium PCB and software design
- deliver

Host	Charger
Drive sensor	Stylus
Probe	Small bracket
Calibration blocks	Operation Manual
Connection Cable	USB cable
Carrying case	

No.	Range, Z - axis	Euro/pc
490 - 9538	$\pm 80 \mu\text{m} / \pm 160 \mu\text{m}$	2,695.00

Granite Table for Roghness Tester



- for hand-held roughness tester

No.	Range	Table	Euro/pc
WP - 490 - P01	300 mm	$400 \times 250 \times 70 \text{ mm}$	975.00



Technical Data

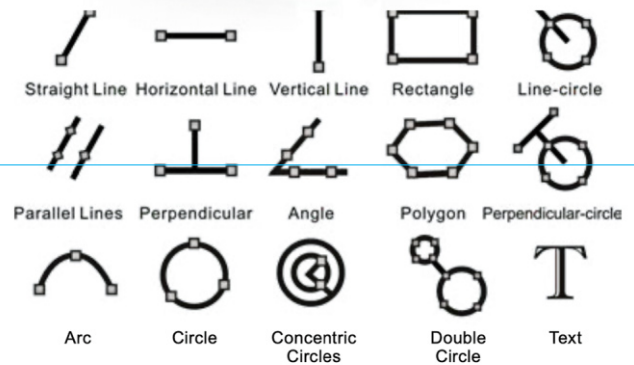
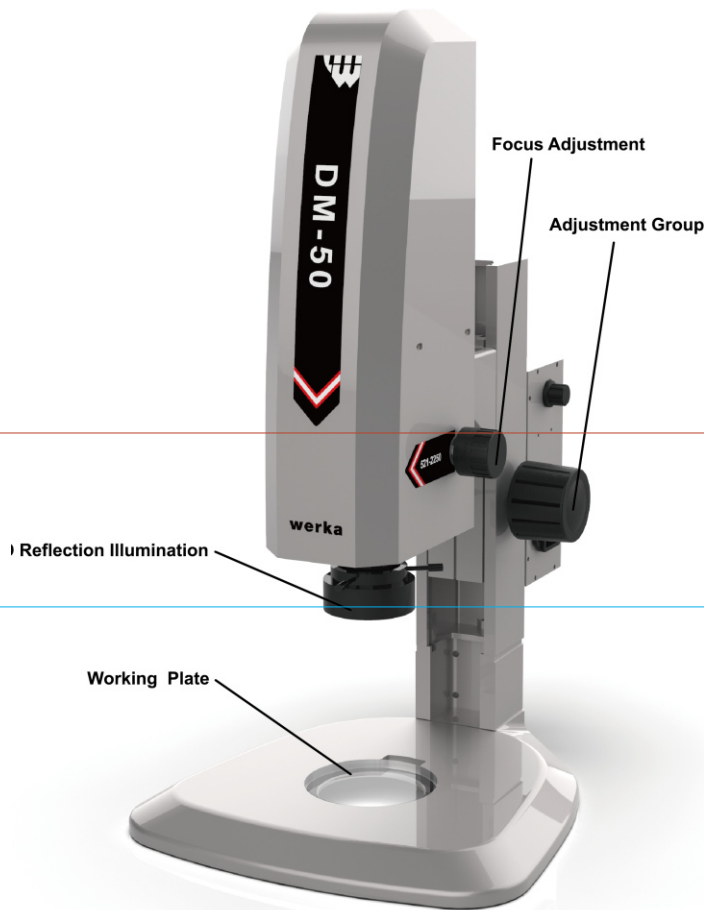
Measuring range:	HV: 50 - 1599; HRC: 20 - 68 HB: 76 - 650; HRB: 41 - 105; HLD: 170 - 960
Resolution:	0.1 HR, 1 HV, 1 HB, 1 HLD, 0.1 HS
Measuring accuracy:	HV: $\pm 3\%$ HV ; HRC: ± 1.5 HRC ; HB: $\pm 3\%$ HB ; HL: ± 8 HL
Ultrasonic probe:	Standard delivery: 2 Kg
Impact devices:	Standard delivery: D
Hardness scales:	Vickers (HV); Rockwell C (HRC); Rockwell A (HRA); Rockwell B (HRB); Brinell (HB)
Display:	Measurement value, Max, Min, Ave, Sing mode, Batch mode, etc.
Data storage:	1000 group test results and 20 group calibration data
Data transfer:	Bluetooth
Continuous Working Period:	10 h (turn off the backlight)
Working Environment:	Temperature: - 10°C - 50°C
Humidity:	30% - 80% R.H.
Battery Voltage:	4.2 V
Charge Mode:	USB
Dimension:	165x85x22 mm
Weight:	≤ 500 g (probe not included)

- Ultrasonic hardness tester 447-9392 is a NDT durometer due to the contact indentation is too small to observe, it is one of the excellent solution to test hardness of finished products, such as the mold, gear, shaft, rod, screw, rails, etc.
- very compact size with integrated probe.
- one instrument two applications - Support ultrasonic probe and Leeb impact device.
- metal shell - Metallic texture, shield electromagnetic interference effectively, improve instrument stability.
- color screen display - display the current measurement value accumulative measurement value, Max, Min and Ave value.
- bluetooth transferring - support wireless Bluetooth print and data transferring.
- mass storage: save 1000 groups data.
- calibration access: save 20 groups calibration data without doing calibration for the same material over and over.

• delivery

1 x Main unit	1 x 2 Kg Manual probe
1 x Impact devices type D	1 x Rockwell hardness block
1 x Leeb hardness block	1 x Probe cable
1 x Accessories Box	1 x USB Cable
1 x Operation Manual	1 x Packing list, Manual

No.	Measuring raang	Resolution	Euro/pc
447 - 9392	HV: 50 - 1599 HRC: 20 - 68 HB: 76 - 650 HRB: 41 - 105 HLD: 170 - 960	1 HV 0.1 HR 1 HB 1 HLD 0.1 HS	7,050.00



DM - 50 can measure straight lines, angles, concentric circles, parallel lines, point to line distance, point and line to concentric circles, diameter, circumference and area, length and width of rectangle, and can calculate circumference and area. It can measure the polygon and calculate its area. All the corresponding measurement report can be output to Udisk.

Technical Data

Electronic Magnification:	8x - 206x (HDMI 16:9 21.5" Monitor)
Optical Objective:	0.7x - 4.5x zoom lens Zoom ratio: 6.5:1 0.5x C - mount camera adapter
Camera Parameters:	2M pixe (1920x1080) Image size:1/2.8" Frames per second:1080P@60fps
Measuring Function:	Linear dimensions such as distance, perimeter, area, angle, radian, width, height, and radius elements are measured
Measurement Accuracy:	0.02mm - 0.003mm
Illumination:	Adjustable LED surface illumination
Microscope Stand:	Z - axis travel:100mm
Power Supply:	AC90 - 204 V, 50 - 60 Hz
Dimension (LxWxH):	375x285x500 mm
Net Weight:	6.5 Kg

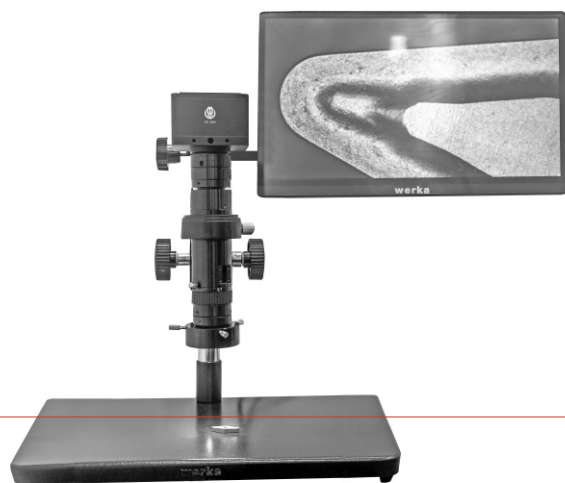
- It can be applied to incoming inspection, production inspection, material research, PCB and SMT inspection analysis, printing, textile inspection, biological anatomy, medical testing and other fields.
- integral design
- Built-in high-definition HDMI integrated camera, directly connected to HDMI display, can take pictures or videos;
- with high definition 0.7 - 4.5X parallel continue zoom lens, it is much more convenience and fast to switch objective magnification;
- with adjustable LED surface reflection illumination, is able to control brightness independently;
- with 2 mega pixel auto focus camera, no need to waste time for manual focus frequently;
- with its own measurement function, it can measure linear dimensions such as distance, perimeter, area, angle, radian, width, height, and radius elements.

• delivery

1 x Instrument Main Unit	1 x Monitor: 16:9, 21.5"
1 x Mouse	1 x USB Flash Disk
1 x Power adapter: DC 5V (Camera), DC 12V (illumination)	
1 x Operation manual	1 x Warranty card
1 x Certificate	1 x Packing list

No.	Optical Objective	Electronic Magnification	Z - Achse	Accuracy	Euro/pc
521 - 2013	0.7x - 4.5x	8x - 206x	100 mm	0.02 mm - 0.003 mm	6,150.00

Digital Measuring Microscope with 4k



Technical Data

Magnification:	≈ 17.6X - 120X
Camera sensor:	1/1.8" CCD
Pixel:	8 M
Resolution:	3840 x 2160
Frame rate:	4K: 30fps, 1080P: 60 fps
Port:	HDMI
Frequency:	1 GHZ
Power:	Adapter
Worktable:	570 x 300 mm
Net weight:	7.6 kg

- 4K megapixel image, large screen, according to enterprise standard
- with 4K high-definition camera, up to 8M pixel
- auto white balance and exposure
- with picture taking and video shooting function
- Built-in software with more than 40 measuring applications
- pictures and videos saved to a flash drive
- step zoom lens 0.7 X - 4.5 X, ratio 6.4:1
- with a 15.6" 4K display
- camera with HDMI port X1 and USB port X2
- LED light source, with a controller
- with a worktable stand

• delivery

1 x Main unit	1 x 15.6" 4K display
1 x LED lights	1 x Light controller
1 x worktable	1 x 16G flash drive
1 x wireless mouse	1 x calibration plate
1 x Packing list	1 x Manual

No.	Magnification	Resolution	Worktable	Euro/pc
521 - 2664	17.6x - 120x	2840 x 2160	570 x 300 mm	3,720.00

3D Motorized Rotation Video Microscope



Technical Data

Magnification:	≈ 25X - 150X
Focus:	20 mm
View field:	18x3.5 mm
View angle:	45°
Camera sensor:	1/2"CCD, 2 M pixel
Resolution:	1920x1080
Frame rate:	60 fps
Port:	HDMI
Rotation speed:	4 RPM
Power:	220 V/ 50/60 Hz
Worktable:	320x240 mm
Net weight:	7.2 kg

- 360° rotation lens, high definition, according to enterprise standard
- 1080P high-definition 3D image
- automatic white balance and exposure
- with picture taking and video shooting function saved into a flash drive
- rotation driven by an import DC motor, 45° view angle
- step zoom lens 0.7X - 4.5X, ratio 6.4:1
- with an operation software
- 2 M Pixel Camera, with a 13" display
- camera with HDMI port X1 and USB port X2
- with a controller
- with a worktable stand

• delivery

1 x Main unit	1 x 13" display
1 x rotation controller	1 x Worktable
1 x 16G flash drive	1 x Wireless mouse
1 x Packing list	1 x Manual

No.	Magnification	View field	Worktable	Euro/pc
521 - 2657	25x - 150x	18 x 3.5 mm	320 x 240 mm	4,640.00

**QUALITÄT
ZU BEZAHLBAREN PREISEN!**

**GENIESSEN SIE DIE QUALITÄT
VON WERKA-PRODUKTEN!**

QUALITY AT AFFORDABLE PRICES!

**ENJOY THE QUALITY
OF WERKA PRODUCTS!**



30

168686

10

286868

20

188686

Werka Deutschland GmbH
Merkurstr. 23
67663 Kaiserslautern / Germany

info@werka-de.com
www.werka-de.com