

Explanations

In our catalogue you will find several pictograms beside the text description. They should be helpful for a quick and easier explanation of the articles and their attributes.

Protection (IP-Code) acc. to DIN 40050 / IEC 60529 etc.	
	Protected against solid particles $\varnothing > 1 \text{ mm}$
	Protected against solid particles $\varnothing > 1 \text{ mm}$ and drop water resistant
	Splash water resistant
	Drop water resistant
	Drop water resistant
	Dust and spray water resistant
	Dust and spray water resistant
	Dust and drop water proof
	Dust and spray water proof
	Dust and splash water proof
	Dust and jet water proof
	Water and oil tight (at times)
	Water and oil tight (permanent)
	Article is explosion proof
	Article with UL-certificate (american safety norm)

Manufacturing process	
	Article with laser engraved scale / graduation
	Article with etched scale / graduation
	Article with printed scale / graduation (Pad print)
	Hardened
	Stainless steel

Icons for data process	
	RS232 data output by data cable
	Opto RS232 data output
	Proximity data output, inductive, contactless
	Data output by USB and data cable
	Data output by USB and Mini USB (compatible with Mitutoyo Digimatic)
	wireless communication (WiFi) possible
	Software on CD-Rom

Several Icons	
	Article-Number
	Reading / Resolution
	Weight in kg
	Cross section of the article
	Max. total accuracy(\pm)
	Repeatability (\pm)
	Individual measuring range
	Article dimension
	Measuring- and weighing-unit selectable or swichtable
	Corresponding battery included
	Corresponding battery included
	Corresponding cell battery included
	Corresponding cell battery included
	Corresponding lithium battery included
	Corresponding lithium battery included
	Accu
	Power supply
	Laser protection class
	Magnet power
	Induction
	Laser wavelength
	Shock proof
	Stand out
	Reading in mm and inch
	Reading in cm and inch
	Article with ABS/INC measuring system
	Article with ABSOLUTE measuring function

ATTENTION
We charge transport and packing costs for articles marked with *!














About the Certification:













We are also able to quote all DIN measuring tools with a certificate to VDI/VDE/DGQ 2618. Measuring tools manufactured at works standard will be certificated according to this norm. The calibrations will be done by an external calibration laboratory. The delivery time for external calibration will take approx one week. Calibration orders can't be cancelled and calibrated goods are excluded from sale of return. Whether you expect a calibration by laboratory of your choice, we are unable to guarantee for passing. Compensation of refund of costs are also impossible.

Norms, accuracy-classes, regulations	
EC I	Article fulfils the respective EC Class standard
EC II	Article fulfils the respective EC Class standard
E1	Article fulfils the respective verification standard
CC	Workshop calibration certificate, inclusive
TC	Article with test certificate, marked with Ident.-No.
CE	Article with CE classification
MID CODE	Directive of the European Parliament and of the council on measuring instruments
T2	Article with strengths tolerances acc. to DIN 2275
T3	Article with strengths tolerances acc. to DIN 2275
ASTM	Article fulfils the respective American standard
BS	Article fulfils the respective British standard
JIS K	Article fulfils the respective Japanese standard
DIN	Article fulfils the respective DIN standard
DIN EN	Article fulfils the respective DIN EN standard
ISO	Article fulfils the respective ISO standard
DIN ISO	Article fulfils the respective DIN ISO standard
NORM	Article manufactured acc. to tolerances of workshop standard
TÜV GS	Article with seal: "TÜV/Geprüfte Sicherheit (GS)"
vd TÜV	Article with seal: "TÜV"
IEC / EN	Article fulfils the respective norm standard

**Workshop or „DAkKS“-Calibration
(German Calibration Service)**
Calibrated instruments available for extra charge.
Please send us your specific inquiry.

Quality categories	
★★★★★	Product for highest demands
★★★★☆	Industry and craft
★★★☆☆	Craft
★★☆☆☆	DIY and training

Art of package for each article	
	Article will be packed in a carton box
	Article will be packed in a sturdy box (wood, plastic or aluminum)
	Article will be packed in a leatherette pouch
	Article will be packed in a PVC pouch
	Article will be packed in a sleeve
	Article will be sealed in a foil
	Article will be packed in a DIY plastic pouch with hanging card
	Article will be packed in a plastic film pouch with hanging card
	Article comes with wall hanging card
	Article will be packed in a blister packing
	Article will be packed a clear plastic box
	Carry bag, for outdoor use
	Article delivered on a pallet

Product specifications	
	Caliper jaw length
	Measuring internal dimension
	Caliper jaws (cross shape)
	Caliper jaws (knife shape)
	Depth Gauge
	Thumbroll
	Fine adjustment
	Thread pitch
	Measuring Inside
	Measuring outside
	Pointer rotation
	Setting gauge

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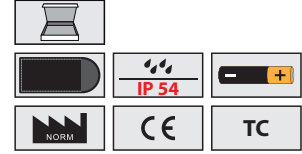
Stopwatches

★★★★★ DIGI PLUS-LINE® Electr. Digital Stopwatch • IP54

- with basic functions
- with 2-button-operation
- sturdy ABS-plastic housing
- splash water proof acc. to DIN 40050 / IEC 60529
- LCD display with clear reading
- Start / Stop / Reset - Addition / Split / Dual measuring
- incl. 1x 1.5 V battery (type AA, art.-no.: 60 9282), with lanyard, protection pouch and operation manual

additional functions for art.-no. 58 0195

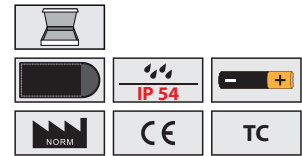
- 5 memory function for 25 split- and 25 lap-times
- Start / Stop / Reset-Addition / Split / Lap / Daytime



ART NO	indicating range sec.	indicating range hrs. / min. / sec.	LCD digits	digit height mm	operation button	mm	KG	ART NO CC
58 0191	1/100	9 / 59 / 59.99	7	8	2	82 x 61 x 28	0.090	58 94001
58 0195	1/100	9 / 59 / 59.99	7	8	2 / 2	82 x 61 x 28	0.090	58 94001

★★★★★ DIGI PLUS-LINE® Electr. Digital Stopwatch • IP54

- with basic functions
- with 1-button-operation
- sturdy ABS-plastic housing
- splash water proof acc. to DIN 40050 / IEC 60529
- LCD display with clear reading
- Start / Stop / Reset - Split / Lap / Addition
- all three times can be switched-over at any time
- count-down with repeat
- separate system- and memory-reset, daytime, date
- 60 data memory per type of time
- Split time can be pre-set from clock time
- incl. 1x 1.5 V battery (type AA, art.-no.: 60 9282) with lanyard, protection pouch and operation manual
- with interface for printer art.-no. 58 0290



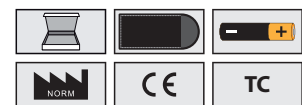
ART NO	indicating range sec.	indicating range hrs. / min. / sec.	LCD digits	digit height mm	operation button	mm	KG	ART NO CC
58 0202	1/100	9 / 59 / 59.99	7	6	1 / 3	82 x 61 x 28	0.090	58 94001

★★★★★ DIGI PLUS-LINE® Electr. Digital Stopwatch

- for industrial time recording
- sturdy ABS-plastic housing
- LCD display with clear reading
- Start / Stop / Reset - Split / Lap
- both times can be switched-over at any time
- separate system- and memory-reset, daytime, date
- 60 data memory for Split and Lap
- incl. 1x 1.5 V battery (type AA, art.-no.: 60 9282), with lanyard, protection pouch and operation manual

additional functions for art.-no. 58 0201

- with interface for printer art.-no. 58 0290 (plug-in connection in battery cover)

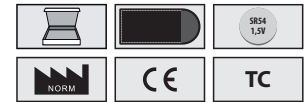


ART NO	indicating range min.	indicating range min.	LCD digits	digit height mm	operation button	mm	KG	ART NO CC
58 0200	1/100	99999.99	7 / 2	6	1 / 3	82 x 61 x 28	0.090	58 94001
58 0201	1/100	99999.99	7 / 2	6	1 / 3	82 x 61 x 28	0.090	58 94001

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★★★★★ DIGI PLUS-LINE® Electr. Digital Stopwatch

- for standard requirements
- with 2-button-operation
- sturdy ABS-plastic housing
- LCD display with clear reading
- start / stop / reset-addition / split / dual measuring
- incl. 1x 1.5 V battery (type SR54, art.-no.: 20 20199), with lanyard and operation manual



ART No	sec.	indicating range hrs. / min. / sec.	LCD digits	digit height mm	operation button	mm	KG
58 0210	1/100	9 / 59 / 59.99	7	6.5	2	66 x 70 x 21	0.062

★★★★★ DIGI PLUS-LINE® Electr. Digital Stopwatch • IP54

- for standard requirements
- with 3-button-operation
- sturdy ABS-plastic housing
- splash water proof acc. to DIN 40050 / IEC 60529
- LCD display with clear reading
- start / stop / reset-lap / split / daytime / date / alarm with snooze
- art.-no. 58 0505 with 1.5 V battery (type LR44, art.-no. 20 20192/B), art.-no. 58 0506 with 3 V battery (type CR2032, art.-no. 20 02093)
- with lanyard, protection pouch and operation manual

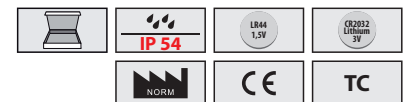
additional functions for art.-no. 58 0506

- memory for 10 laps
- recall of lap and split times

ART No 58 0505



ART No 58 0506



ART No	sec.	indicating range hrs. / min. / sec.	LCD digits	digit height mm	operation button	mm	KG
58 0505	1/100	9 / 59 / 59	6	11	3	85.5 x 64 x 22	0.076
58 0506	1/100	9 / 59 / 59.99	7	5 / 4	3	85.5 x 64 x 22	0.078

★★★★★ DIGI PLUS-LINE® Electronic Digital Table Timer

- with adjustable alarm signal
- for industry, schools, laboratories, sporting events, etc.

- sturdy ABS-plastic housing
- LCD display with clear reading, digit height 22 + 8 mm
- start / stop / reset-addition - Flyback - Count-Down
- 4 timer fully programmable, Start / Stop operation, either separate or together
- repeat, manually or automatically
- with daytime
- operation temperature -10° ~ +55° C
- incl. 1x 1.5 V battery (type AA, art.-no.: 60 9282), and operation manual



ART No	min. / sec.	indicating range hrs. / min. / sec.	LCD digits	mm	KG	ART No CC
58 0104	1/100 Min. 1/10 Sek.	999 min. / 99/100 min. 9 hrs. / 59 min. / 59 sec. / 1/10 sec.	3 5	175 x 130 x 40/95	0.390	58 94104


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Stopwatches

★★★★★ BLUE-LINE® Mechanical Precision Addition Stopper

- low cost, precise stopwatch in plastic housing
- sturdy ABS-plastic housing
- with lanyard
- shock-protected pinlever



ART ^{NO}	min. / sec.	indicating range min.	operation button	 Ø mm	
58 0152	1/5 sec.	30	3	55	0.085

★★★★★ BLUE-LINE® Mechanical Precision Stopwatch • IP54

- highly precise mechanical stopwatch for industry and sport
- diamond polished metal housing, with pinlever
- shock-, dust- and splash water proof acc. to DIN 40050 / IEC 60529

additional functions for art.-no. 58 0141

doublehand timer, with trail finger for the recording of any number of intermediate times

additional functions for art.-no. 58 0173

Crown timer, the most commonly used system for all simple time measurements without interruption of the measuring process. The most selling models.

additional functions for art.-no. 58 0182

addition timer, for stopping of single times



ART^{NO} 58 0141



ART^{NO} 58 0173



ART^{NO} 58 0182

More stopwatches
are available on request!



ART ^{NO}	min. / sec.	indicating range min.	jewels	operation button	 Ø mm		ART ^{NO} CC
58 0141	1 / 10	15	7	3	55	0.120	58 94141
58 0173	1 / 5	30	7	1	55	0.120	58 94173
58 0182	1 / 100 min.	30	7	2	55	0.120	58 94182