

Digital dial gauges.



Travel 12.50 mm / 0.5"

MSA	Model	Measuring range	Resolution	Degree of protection	Kg
15.638	DIALTRONOC EASY	12.50 mm 0.5"	0.01 mm 0.0005"	IP51	-

15.639	DIALTRONOC EASY	12.50 mm 0.5"	0.001 mm 0.00005"	IP51	-
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DIALTRONOC EASY digital dial gauge, Ø 60 mm.

- Measuring force (N) : 0.65 - 0.90
- Indication error over measuring range (retractable plunger) MPEE (µm) : MSA15.638 (10 ± 1 digit) / MSA15.639 (4)
- Indication error over partial measuring range (over 1 mm) MPEP (µm) : MSA15.638 (8) / MSA15.639 (3)
- Repeatability of the indication error MPER (µm) : 2.

Standard features :

- Zeroing/Preset
- Data transmission
- Selection mm/inch
- Selection of measuring direction
- Automatic or manual switch-off
- Locking of the measured value.



Travel 12.50 mm / 0.5"

MSA	Model	Measuring range	Resolution	Degree of protection	Kg
15.640	DIALTRONOC	12.50 mm 0.5"	0.01 mm 0.0005"	IP54	-

15.641	DIALTRONOC	12.50 mm 0.5"	0.001 mm 0.00005"	IP54	-
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15.642	DIALTRONOC	12.50 mm 0.5"	0.001 mm 0.00005"	IP67	-
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DIALTRONOC digital dial gauge, Ø 60 mm.

- Measuring force (N) : MSA15.640 + MSA15.641 (0.65 - 0.90) / MSA15.642 (0.70 - 1.40)
- Indication error over measuring range (retractable plunger) MPEE (µm) : MSA15.640 (10 ± 1 digit) / MSA15.641 + MSA15.642 (3)
- Indication error over partial measuring range (over 1 mm) MPEP (µm) : MSA15.640 (8) / MSA15.641 + MSA15.642 (2.6)
- Repeatability of the indication error MPER (µm) : 2.

Standard features :

- Zeroing/Preset
- Data transmission
- Selection mm/inch
- Selection of measuring direction
- Automatic or manual switch-off
- Locking of the measured value.

Advanced features :

- Definition of upper and lower tolerances
- Dynamic Min / Max / Max-Min measurement
- Selection of Ref 1 or Ref 2 (Preset and stored tolerance)
- Multiplication factor
- Locking of the keyboard
- Choice of resolution : 0.01 or 0.001 mm / 0.0005" or 0.00005".



Travel 25 mm / 1"

MSA	Model	Measuring range	Resolution	Degree of protection	Kg
15.643	DIALTRONOC	25.00 mm 1"	0.01 mm 0.0005"	IP54	-
15.644	DIALTRONOC	25.00 mm 1"	0.001 mm 0.00005"	IP54	-
15.645	DIALTRONOC	25.00 mm 1"	0.001 mm 0.00005"	IP67	-

DIALTRONOC digital dial gauge, Ø 60 mm.

- Measuring force (N) : MSA15.643 + MSA15.644 (0.65 - 0.90) / MSA15.645 (0.70 - 1.40)

- Indication error over measuring range (retractable plunger) MPEE (µm) : MSA15.643 (10 ± 1 digit) / MSA15.642 + MSA15.643 (4)

- Indication error over partial measuring range (over 1 mm) MPEP (µm) : 2.6

- Repeatability of the indication error MPER (µm) : 2.

Standard features :

- Zeroing/Preset
- Data transmission
- Selection mm/inch
- Selection of measuring direction
- Automatic or manual switch-off
- Locking of the measured value.

Advanced features :

- Definition of upper and lower tolerances
- Dynamic Min / Max / Max-Min measurement
- Selection of Ref 1 or Ref 2 (Preset and stored tolerance)
- Multiplication factor
- Locking of the keyboard
- Choice of resolution : 0.01 or 0.001 mm / 0.0005" or 0.00005".



Travel 50 mm / 2"
Travel 100 mm / 4"
Travel 150 mm / 6"

MSA	Model	Measuring range	Resolution	Degree of protection	Kg
15.646	DIALTRONOC	50.00 mm 2"	0.001 mm 0.00005"	IP54	-
15.647	DIALTRONOC	100.00 mm 4"	0.001 mm 0.00005"	IP54	-
15.648	DIALTRONOC	150.00 mm 6"	0.001 mm 0.00005"	IP54	-

DIALTRONOC digital dial gauge, Ø 60 mm.

- Measuring force (N) : 0.65 - 0.90

- Indication error over measuring range (retractable plunger) MPEE (µm) : MSA15.646 (5) / MSA15.647 (6) / MSA15.648 (10)

- Indication error over partial measuring range (over 1 mm) MPEP (µm) : 3.2

- Repeatability of the indication error MPER (µm) : 2

- Brake valve included to limit the speed of the plunger's descent stroke.

Standard features :

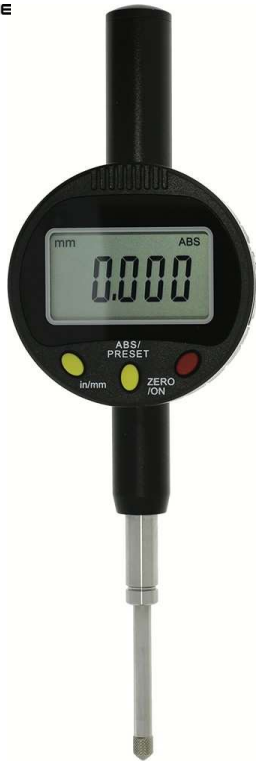
- Zeroing/Preset
- Data transmission
- Selection mm/inch
- Selection of measuring direction
- Automatic or manual switch-off
- Locking of the measured value.

Advanced features :

- Definition of upper and lower tolerances
- Dynamic Min / Max / Max-Min measurement
- Selection of Ref 1 or Ref 2 (Preset and stored tolerance)
- Multiplication factor
- Locking of the keyboard
- Choice of resolution : 0.01 or 0.001 mm / 0.0005" or 0.00005".

MEASURING INSTRUMENTS WITH VARIABLE DIMENSIONS

SWISSMETROLOGIE



Travel 10, 25 or 50 mm / 0.4, 1 or 2"

MSA	Measuring range	Resolution	Kg
15.454-25	25.00 mm / 1"	0.001 mm 0.00005"	0.390
15.454-50	50.00 mm / 2"	0.001 mm 0.00005"	0.490

SWISSMETROLOGIE® electronic indicator.

- Maximum permissible errors/Limit deviations :
 - MSA15.454-10 = 0.004 mm
 - MSA15.454-25 = 0.005 mm
 - MSA15.454-50 = 0.006 mm
- Mounting rod Ø 8 mm
- LCD display 10.5 mm
- PRESET and ON/OFF functions
- Measuring modes ABS/DIFF
- Lithium battery 3 V, CR 2032.

Delivered in 1 synthetic case with operating instructions.



Travel 12.50 mm / 0.5"

MSA	Measuring range	Resolution	Kg
15.128	12.50 mm / 0.5"	0.001 mm 0.00005"	0.247

STANDARD GAGE® electronic indicator.

- Maximum permissible error : 0.004 mm
- Repeatability : 0.002 mm
- Mounting rod Ø 8 mm
- LCD display 10.5 mm
- ABS/PRESET, metric/inch, TOL/SETTOL, MAX/MIN and ZERO/ON buttons
- Lithium battery 3 V, CR 2032.

Delivered in 1 synthetic case with operating instructions.

