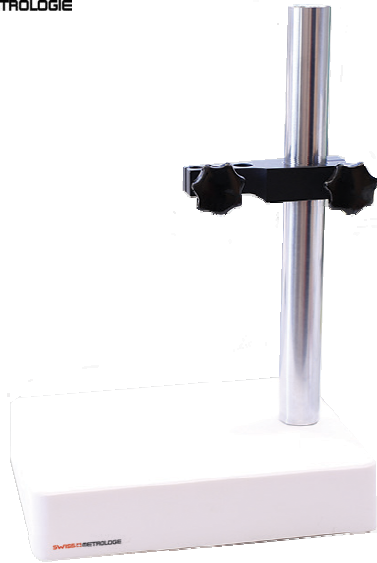


SWISS METROLOGIE



Ceramic

MSA	Size	Kg
15.548	200 x 150 x 40 mm	3.000

Measuring stand with ceramic base.

- Column height 250 mm
- Arm length 65 mm.

SWISS METROLOGIE



MSA	Kg
15.558	0.200

Arm with fine setting for measuring stands MSA15.548 and MSA15.549.

- Centre distance arm 79 mm.

Measuring probes.

HEIDENHAIN



MSA	Model	Measuring travel	Kg
15.547	MT 1281	12 mm	0.550
15.585	MT 2581	25 mm	0.700

METRO high-precision incremental probe.

Suitable for measuring stations and control equipments where the precision is important.

The guided ball-bearing measuring stem allows the absorbing of high transverse loads.

- Measuring range up to 25 mm
- Division 4 μ m
- Sinusoidal alternation of amplitude 1 Vcc, signal 2 μ m
- System accuracy $\pm 0,2 \mu$ m
- Tightening stem $\varnothing 8$ mm
- Interchangeable measuring insert M2.5
- Cable length 1.5 m
- Plug connector Sub-D with 15 poles.

Travel 12 or 25 mm

HEIDENHAIN



Travel 30 mm

MSA	Model	Measuring travel	Kg
15.586	ST 3088	30 mm	0.500

SPECTO high-precision incremental probe. Suitable essentially for multi-measurements working stations and control equipments, thanks to its particularly compact design.

- Measuring range up to 30 mm
- Division 20 µm
- Sinusoidal alternation of amplitude 1 Vcc, signal 20 µm
- System accuracy ± 1 µm
- Tightening stem Ø 8 mm
- interchangeable measuring insert M2.5
- Axial cable length 1.5 m
- Plug connector Sub-D with 15 poles.

Display unit.



MSA	Model	Kg
15.546	M3	0.750

Digital display unit for probe with 2 sensor inputs.

Last generation tool to perform dimensional controls from 1 or 2 probes. Equipped with a 4.3" colour touch screen, which allows an easy configuration thanks to the drop down menus, the icons and the functions buttons

- Has different means of communication (USB or RS 232) to transmit measurements to a PC or control the display remotely.

Key features :

- 2 configurations of measurement (2 sides)
- Absolute or relative measurements
- Compatible with inductive and incremental probes
- ASCII communication on Modbus RTU
- Keyboard USB function when the display unit is connected to a PC
- Automatic change of configuration of measurement by probe movement
- Safe and easy to use.

Additional features :

- Different display modes with 1 or 2 sides per screen, with or without tolerances
- Static and dynamic measurement (Min, Max, Max-Min, Average, Median)
- Control limits
- Sorted by grades (up to 16 grades)
- Connection of an optional box with 8 opto-coupled inputs/outputs (MB-IO).