

WATERPROOF TESTERS



| MSA | Voltage | Size | Kg |
|--------|-------------|--------------------|-------|
| 19.449 | 100 - 240 V | 157 x 190 x 240 mm | 2.000 |

Waterproof tester by vacuum VACUPRO.
Bubbles are formed on the watch to indicate the exact location of the leak.
Delivered with 1 network adapter 100-240 V, 1 battery 9 V and 5 most common worldwide adaptors.



| MSA | Size | Kg |
|--------|--------------------|-------|
| 19.448 | 280 x 100 x 200 mm | 6.400 |

Waterproof tester DIVER 125.
-Robust anodized aluminium construction
- Chamber diameter : Ø 63 mm (2.5")
- Chamber depth : 50 mm (2").

... 125 bar



| MSA | Version | Size | Kg |
|--------|----------|--------------------|-------|
| 19.406 | Standard | 200 x 170 x 270 mm | 3.500 |
| 19.424 | (1) Plus | 200 x 170 x 270 mm | 3.500 |

CALYPSO waterproof tester used with water.
Cylinder Ø 80 mm for 2 watches.

MSA19.406 (Standard version) :
The pressure is generated by a manual pump.

MSA19.424 (Plus version) :
Suitable for both air admission by a manual pump or compressor (not delivered). On compressor mode, the pressure adjustment inside the cylinder is made with an air-gate located in front of the tester.

... 10 bar



| MSA | Version | Size | Kg |
|--------|---------|--------------------|-------|
| 19.425 | Minus | 200 x 170 x 270 mm | 3.500 |

CALYPSO waterproof tester used with water.
Cylinder Ø 80 mm for 2 watches.

This version is used with a compressor (not delivered). The pressure adjustment inside the cylinder is made with an air-gate located in front of the tester.

... 10 bar

KOKER Seiler



0 ... 40 bar

| MSA | Size | Kg |
|--------|--------------------|-------|
| 19.416 | 250 x 270 x 250 mm | 7.000 |

NATATOR 40 waterproof tester, suitable for after sales service single test. Doesn't require any electric plug in. Stainless steel tank Ø 65 x 650 mm. After the water filling (maximum 0.2 L), the lid with window is locked. The control is made using the lateral handle, which will be screwed until the desired pressure indicated on the manometer.
No compressor required.

KOKER Seiler



0 ... 125 bar

| MSA | Size | Kg |
|--------|--------------------|--------|
| 19.429 | 310 x 330 x 300 mm | 12.000 |

NATATOR 125 waterproof tester, Suitable for after sales service single test. Doesn't require any electric plug in. Stainless steel tank Ø 80 x 65 mm. After the water filling (maximum 0.33 L), the lid is locked. The control is made using the lateral handle, which will be screwed until the desired pressure indicated on the manometer.
No compressor required.

Greiner vibrograf



-0.7 ... 10 bar

| MSA | Voltage | Size | Kg |
|--------|------------------|--------------------|-------|
| 19.407 | DUAL 115 - 230 V | 320 x 250 x 280 mm | 7.500 |

POSEIDON LT100 high-tech waterproof tester with the following characteristics :

- Universal use with all types of watches with or without bracelets
- The test starts automatically under vacuum and pressure
- Automatic determination of stabilisation and measuring time for reliable results
- With colour display in 8 languages. Indication of the results in numerical way as well as in analogical colour diagram
- 12 available programs including 7 individually programmable from -0.7 to 10 bar
- RS 232 interface for printout of certificate.
- Printout the results on a thermo printer.

Compressor delivered separately (see page 19-XX).

WATERPROOF TESTERS

Greiner vibrograf



... 0.7 bar

| MSA | Kg |
|--------|-------|
| 19.403 | 3.200 |

LEAK-CHECKER PRIME waterproof tester for testing leaks up 0.7 bar vacuum.

- No additional compressor needed thanks to integrated pump
- Suitable for any type of watches, included very small ceramic timepieces
- Programmable vacuum in steps of 0.1 bar
- Results displayed on a 5" colour touchscreen TFT (800 x 480 pixels)
- Printout the results on a thermo printer.



(1)

| MSA | Voltage | Size | Kg |
|--------|-------------|--------------------|-------|
| 19.129 | 115 - 230 V | 260 x 170 x 110 mm | 1.000 |

Thermo printer MARTEL 7830 suitable for all GREINER® waterproof testers.

Spare part :

| MSA | Item | Kg |
|----------|-------------------------------|-------|
| 19.167-B | (1) Thermo paper, width 57 mm | 0.088 |

Elma



-0.8 bar

| MSA | Voltage | Size | Kg |
|--------|-------------|--------------|-------|
| 19.402 | 100 - 240 V | 155 x 315 mm | 3.500 |

The LEAK CONTROLLER 2000 waterproof tester produces a pressure difference between the interior and the exterior of the watch, thanks to a built-in vacuum.

The 1µ precision dial comparator records each variation on the watch case and indicates its pressure compensation.

The equipment is almost mechanical, which allows even the tests of cheap watches with deformable glasses (no risk of glass breaking).

Do not require any maintenance.

witschi



-0.1 ... -0.7 bar
0.1 ... 10 bar

| MSA | Version | Voltage | Size | Kg |
|--------|---------------------------|---------|--------------------|-------|
| 19.217 | Standard version | 230 V | 149 x 305 x 243 mm | 5.800 |
| 19.216 | PRO version with software | 230 V | 149 x 305 x 243 mm | 5.800 |

The PROOFMASTER tests the water resistance of watches conveniently with a fully automatic closing and test sequence. With its high level of operating convenience, the PROOFMASTER is the ideal tightness testing device for the following areas: watch service centres, watch retailers, watchmaking and watchmaking laboratories.

Accessory :

| MSA | Item | Kg |
|----------|--|----|
| 19.217-U | Upgrade software from Proofmaster MSA19.217 to Proofmaster PRO MSA19.216 | - |

Compressor with tank releasing pressurised air immediately, allowing waterproof tests to proceed quicker.



9 bar
65 dB

| MSA | Voltage | Capacity | Size | Kg |
|--------|---------|-----------|--------------------|--------|
| 19.459 | 230 V | 24 litres | 580 x 280 x 575 mm | 22.000 |

Oil-free, low noise and easily transportable SENCO compressor. Ideal for applications where clean air is required. Equipped with wheels and handles for easy moving. Maximum output pressure 9 bar, 24-litre horizontal tank.

Technical data:

- Maximum output pressure 9 bar
 - 24-litre tank
 - Sound pressure level (Lpa) : 65 dB
 - Rated power : 0.75 kW/1 hp
 - Frequency : 50 Hz
 - 1420 rpm
 - Air displacement : 128 litres/minute
 - Air flow rate (6 bar) : 80 litres/minute
 - Easy purge via the tap in the lower part of the tank.
- Delivered with filter and fittings for hoses Ø 6 and 10 mm.



16 bar
40 dB

| MSA | Voltage | Capacity | Size | Kg |
|--------|---------|------------------|--------------------|--------|
| 19.455 | 230 V | 50 litres/minute | 500 x 460 x 600 mm | 37.500 |

Compressor ABSOLUTE AIR with automatic draining, high performance (50 Hz/0.34 kW) and very quiet. 25 litre tank.

Drier with warm air.



| MSA | Voltage | Size | Kg |
|------------|---------|--------------------|-------|
| 19.750 | 220 V | 190 x 175 x 120 mm | 2.810 |
| 19.750-110 | 110 V | 190 x 175 x 120 mm | 2.810 |

T8 drier with hot air ventilator for drying watches, jewellery, etc. Power 600 W.