

CONDUCTIVITY METER

99708-0 HAND HELD CONDUCTIVITY METER



99708-0

ASTM D2624; IP 274

- Higher Accuracy AC Measurement
- Conductivity and temperature output capability
- High-Accuracy ($\pm 2\%$ of reading)
- Stores up to 10 Data Locations (User can input Location Names)
- USB interface for ease of data transfer to user
- Fully Temperature Compensated Measurement
- Built-in Long Life Lithium-Ion Rechargeable Battery
- Windows Data Handling Software
- Internal Real Time Date & Clock for Data Record Keeping

The unit is provided in an industry standard polyamide housing, with built in Lithium Ion rechargeable battery system. The conductivity sensor is constructed of two 316SS coaxial electrode sensors. It has an easy to use menu system allowing up to 10 samples to be internally stored along with Sample Temperature, Date and Time.

SPECIFICATIONS

| | |
|---------------------------------|--|
| Conductivity Range: | 0-2000 pS/m (optional ranges available – contact factory) |
| Conductivity Accuracy: | ± 2 pS/m ($\pm 2\%$ of reading) |
| Conductivity Resolution: | 0.1 pS/m |
| Temperature Range: | 0-35°C (optional ranges available – contact factory) |
| Temperature Accuracy: | $\pm 0.5^\circ\text{C}$ |
| Temperature Resolution: | 0.1°C |
| Power: | Built-in 2.6Ahr Lithium Ion Battery (1000 samples) |
| Outputs: | 128x64 Dot Matrix Display Indicating Conductivity and Temperature Sample Trend Line Graph to Assist Data Collection |
| Conductivity Sensor: | 316 SS Coaxial Electrode |
| Temperature Sensor: | Platinum RTD NIST Traceable Calibration |
| Materials: | Housing Polyamide Sensor 316SS and PEEK |
| Size (HxWxD): | 31 x 11 x 10cm |
| Weight: | 0.5kg |

ACCESSORIES – Conductivity Meter

OPTIONAL

- 99708-002 BENCH STAND
- 99708-005 CARRY CASE

AUTOMATIC TESTERS

99600-2 AUTOMATIC OIL TESTER, 60KV

99610-2 AUTOMATIC OIL TESTER, 80KV

99620-2 AUTOMATIC OIL TESTER, 100KV

ASTM D877; D1816; D3300; IP 295; AS 1767; BS 148; BS 5874; CEI 344; FTM 791 5702; IEC 156; NFC 27; NF C27-221; rOCT5861; SABS 555; VDE 0370



99600-2

- Automatic test sequence
- Pre-set and user defined programs
- 60kV, 80kV, or 100kV models
- Integral printer
- RS232 interface
- Fully interlocked
- Multi language

These oil test sets use either pre-programmed or user defined parameters entered via the menu driven multi-language display. Results are printed out on an integral printer. Features include a self-check facility, RS232C interface, and safety interlock.

SUPPLIED WITH: 36mm diameter mushroom, 13mm diameter spherical and 1 inch diameter cylindrical electrodes, spacing gauge, spare magnetic stirrer bars, 400ml oil test vessel, and instruction manual.

SPECIFICATIONS

| Seta Part | 99600-2 | 99610-2 | 99620-2 |
|----------------------|--|---------|---------|
| Test Voltage: | 60kV | 80kV | 100kV |
| Voltage: | 110/120V, 50/60Hz 220/240V, 50/60Hz | | |
| Power: | 750W | | |
| Size (HxWxD): | 47 x 50 x 32cm | | |
| Weight: | 41kg | | |

ACCESSORIES – Automatic Oil Testers

OPTIONAL

- 99605-0 OIL TEST VESSEL, with motorized stirrer, 800ml capacity, for ASTM D1816 only.
- 99620-201 OIL TEST VESSEL, 13mm dia. spherical electrodes.
- 99620-202 OIL TEST VESSEL, 36mm dia. mushroom electrodes.
- 99620-203 OIL TEST VESSEL, 1 inch dia. cylindrical electrodes.
- 99606-0 TRANSPORTATION TROLLEY

CALIBRATION, VERIFICATION & TRAINING

- 99625-0 VOLTAGE CALIBRATION METER



CALIBRATION & VERIFICATION MATERIALS

An automatic meter to test and calibrate up to 100kV on Automatic and Portable Oil Test Sets to an accuracy of 3% f.s.d. over a temperature range 0° to 40°C.

SPECIFICATIONS

| | |
|----------------------|----------------|
| Size (HxWxD): | 20 x 24 x 10cm |
| Weight: | 2.4kg |

99625-0 VOLTAGE CALIBRATION METER



99625-0

- 100kV maximum voltage
- Automatic operation