

PRODUCT TECHNICAL BRIEF

Meradat-VIT16T6 Vacuum Gauge for SK-TS6 Sensors

Meradat-VIT16T6 Vacuum Gauge for SK-TS6 Sensors - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Supported sensors	PMT-2, PMT-4M, SK-TP4 and SK-TS6/K/25
PMT-2 / PMT-4M / SK-TP4 operating range	1.3×10^{-2} to 2.7×10^{-1} Pa
PMT-2 / PMT-4M / SK-TP4 measurement range	1.3×10^{-1} to 2.7×10^{-1} Pa
SK-TS6 range	1.3×10^{-1} to 1.0×10^5 Pa in the source configuration
Accuracy limits	$\pm 30\%$ for PMT-2, PMT-4M and SK-TP4 from 0.133 to 13.33 Pa; for SK-TS6, $\pm 30\%$ from 1.33 to 1.0×10^4 Pa and $\pm 50\%$ in the remaining stated regions
Display	128 × 64 graphical LCD with numeric, trend and pressure screens
IP67 front-panel version	Approximately 103 × 103 × 95 mm; exact enclosure and installation requirements must be confirmed
Relay outputs	2 changeover relays
Analog output	0-20 mA; load $\leq 500 \Omega$
Communications	RS-485, Modbus ASCII/RTU
Archive	Archive memory; confirm exact capacity for the supplied modification
Power	230 V, 50 Hz; ≤ 15 VA
Standard mounting	Panel mount, approximately 96 × 96 mm front format

Technical and Project Information

Single-channel thermal vacuum gauge with a graphical LCD and support for SK-TS6, PMT-2, PMT-4M and SK-TP4 sensors. Available in a standard panel version and an IP67-front-panel modification. Relay, analog-output, RS-485 and archive options depend on the exact configuration and must be confirmed before ordering.

Meradat-VIT16T6 Thermal Vacuum Gauge

The Meradat-VIT16T6 is a single-channel thermal vacuum-gauge controller with a graphical display. It supports the SK-TS6 wide-range sensor together with PMT-2, PMT-4M and SK-TP4 sensors for dry-air and nitrogen pressure measurement.

Relay, analog-output, RS-485 and archive functions depend on the selected modification. The source documentation identifies Russian State Register entry No. 41616-09, verification procedure MI 140-89 and a one-year verification interval; confirm current validity and destination-country acceptance.

The technical infographic, video and slide deck from the source page are intentionally omitted. Confirm sensor model, cable, standard or IP67-front version, output/archive configuration, Modbus documentation and verification certificate before ordering.

- Helium Reference Leaks
- Scanning Electron Microscopes
- Vacuum Gauges ASAIR Vacuum Gauges CBVAC Vacuum Gauges KYKY Vacuum Gauges Meradat VIT Vacuum Gauges Quadrupole Mass Spectrometers Vacuum Gauges for Cryogenic Vessels
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- Vacuum Gauges for Cryogenic Vessels
- Leak-Detector Accessories

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: Meradat-VIT16T6 Vacuum Gauge for SK-TS6 Sensors

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.