

PRODUCT TECHNICAL BRIEF

Meradat SK-TS6/K/KF25 Wide-Range Thermal Vacuum Sensor

Meradat SK-TS6/K/KF25 Wide-Range Thermal Vacuum Sensor - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Measurement principle	Thermal conductivity
Measurement range	1.3×10^{-1} to 1.0×10^5 Pa
Permissible error stated in source record	$\pm 30\%$ from 1.33 to 1.0×10^4 Pa; $\pm 50\%$ in the remaining stated regions
Compatible instruments	Meradat-VIT12T6, VIT16T5, VIT16T6 and VIT19IT2
Vacuum connection	KF25
Connection cable	KS-TS, typically 2 m or 5 m; confirm supply scope
Calibration gas	Dry air or nitrogen

Technical and Project Information

Wide-range thermal vacuum sensor with a KF25 clamp connection for dry air or nitrogen from 1.3×10^{-1} to 1.0×10^5 Pa. It is compatible with selected Meradat-VIT controllers and uses a KS-TS connection cable.

Meradat SK-TS6/K/KF25 Thermal Vacuum Sensor

The SK-TS6/K/KF25 is a thermal vacuum transducer for continuous monitoring from rough vacuum to the atmospheric region. Its KF25 clamp connection supports rapid installation and service on compatible vacuum lines.

Use a clean centering ring and an undamaged clamp, and do not transfer piping load to the sensor. Protect the sensing element from condensate, oil aerosol, particles and sudden venting. Thermal response is gas-dependent.

The technical infographic, video and slide deck from the source page are intentionally omitted. Confirm the controller revision, cable, measurement range, gas correction, fitting and calibration documentation 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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- 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 SK-TS6/K/KF25 Wide-Range Thermal Vacuum Sensor

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