

PRODUCT TECHNICAL BRIEF

Teledyne Hastings HPM 4/5/6 Portable Vacuum Gauge

Teledyne Hastings HPM 4/5/6 Portable Vacuum Gauge - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
DV-4 range	0.1 to 20 Torr
DV-4 accuracy	±(20% of reading + 0.2 mTorr), maximum
DV-5 range	0.1 to 100 mTorr
DV-5 accuracy	±(20% of reading + 0.2 mTorr), maximum
DV-6 range	0.1 to 1000 mTorr
DV-6 accuracy	±(15% of reading + 0.2 mTorr), maximum
Display units	Torr, mbar and Pa
Power	9 V battery
Battery life stated in source record	More than 30 hours
Operating temperature stated in source record	-18 to +55 °C with an alkaline battery; -20 to +60 °C with a suitable lithium battery
Weight stated in source record	0.33 kg instrument; 0.72 kg with case

Technical and Project Information

Handheld, battery-powered HPM 4/5/6 vacuum gauge for compatible Teledyne Hastings DV-4, DV-5 and DV-6 thermocouple gauge tubes. Selectable Torr, mbar and Pa units, detachable cable and rugged carrying case support field checks of cryogenic vacuum insulation and other rough-vacuum systems. The gauge tube and fitting must be selected separately for the required range.

The HPM 4/5/6 is a handheld, battery-operated digital vacuum gauge for Teledyne Hastings DV-4, DV-5 and DV-6 thermocouple gauge-tube families. Common applications include cryogenic-tank vacuum insulation, refrigeration and

HVAC service, transformer filling and maintenance, particle accelerators and laboratory vacuum systems.

The graphical display shows pressure and battery status. The instrument stores the last-used range and unit and uses a detachable gauge-tube cable. A protective cover and carrying case are included in the described configuration.

DV-series thermocouple tubes are calibrated for nitrogen or air; other gases require the manufacturer's correction data. Confirm the tube family, fitting, cable, pressure range, gas and included accessories before ordering. Gauge-tube temperature and overpressure limits depend on the exact tube variant.

- 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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- Quadrupole Mass Spectrometers
- 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: Teledyne Hastings HPM 4/5/6 Portable Vacuum Gauge

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