MODELS
DV-4, DV-5, DV-6
DV-23, DV-24

FEATURES
• Rugged Construction
• Non-Contaminating
• Color Coded

APPLICATIONS
• Refrigerator
• Cryogenics / Vacuum Insulator
• Air Conditioning
• Freeze Drying
• Transformer Oil Refill
• Pharmaceutical

BENEFITS
• Reliable
• Repeatable
• Stable Calibration

DESCRIPTION
Teledyne Hastings Thermocouple Gauge Tubes/Sensors are precision sensing devices designed to provide accurate measurement and control of vacuum. Fully compensated for both temperature and rate of temperature change, the tubes are renowned worldwide for their dependability, and boast a history of success that has endured for over 60 years.

THI Thermocouple Gauge Tubes/Sensors use the rugged but sensitive, time-tested THI thermopile sensor. Short, firmly connected thermocouples have no suspended weld to an external heater.

Proprietary tooling and process control improvements offer extended service life for these gauge tubes/sensors.
Selection Chart

Thermocouple Gauge Pressure Ranges

Hastings Instruments reserves the right to change or modify the design of its equipment without any obligation to provide notification of change or intent to change.
Gauge tube available with fittings not listed, contact factory.

For proper accuracy and performance THI Vacuum Gauges should always be used with the proper range of THI Vacuum Gauge Tubes.
Selection Chart

For proper accuracy and performance THI Vacuum Gauges should always be used with the proper range of THI Vacuum Gauge Tubes.

Note: Color band is not used on all tubes.
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Standard Gauge Tube

- Hermetically Sealed base with glass.
- Stainless Steel and Nickel Plated components.
- Color coded label
- Max Temp: 100°C
- Max Press: 150psig

LINEAR DIMENSIONS
(TYP)

DV-4D-KF-16
DV-23-KF-16
DV-24-KF-15

DV-4D-KF-25
DV-23-KF-25
DV-24-KF-25
DV-6S, Weather Proof Outdoor

- DV-6 Thermocouple
- 0-1000mTorr
- Rugged Construction
- Includes Protective Cap

Glass Gauge Tube

- Constructed of Corning #7052 type glass or equivalent

LINEAR DIMENSIONS (TYP)
RoHS Gauge Tube

- Stainless Steel
- All welded
- No Plastic
- No Braze
- Color coded label

- Max Press: 400psig

LINEAR DIMENSIONS (TYP)
Ruggedized Gauge Tube

- Hermetically Sealed base with glass.
- Stainless Steel and Nickel Plated components.
- Color coded label
- Max Temp: 150°C
- Max Press: 400psig

Stainless Steel Gauge Tube

- Stainless Steel
- Corrosion Resistant which can withstand high temperatures and high pressures
- Max Temp: 150°C
- Max Press: 400psig
Varian DV-531

- Range: 0-2000mTorr

Teledyne Hastings; Specialties in custom sensor solutions, our design services, machine shop and welding facilities can quickly generate specialized solutions for all vacuum gauging.

HOW MAY WE HELP YOU?