

## Teledyne Hastings- DV-5 Series

- **Description**

Precision sensing devices designed to provide accurate measurement and control of vacuum.

- o Thermocouple Gauge Pressure Ranges:
  - Torr:  $10^{-4} \sim 10^{-1}$
  - mmHg: 0.0001 ~ 0.1
  - mTorr: 0.1 ~ 100
  - Pascal: 0.0133 ~ 13.3
- o Wide range of meter, fitting, relay and output options
- o Gauges are calibrated for nitrogen or air
- o Fully compensated for temperature and rate of temperature change with no suspended weld to an external heater

- **Specifications**

Meter / Controller	VT-5A	DVT-5	DCVT-5	HPM 4/5/6	DAVC-5
Range	0.1 - 100 mTorr				
Display	Reverse Motion Analog Needle	Digital			Setpoint (High/Low) Indicators
Units	Torr, mBar, PA				
Accuracy	$\pm(20\% \text{ Reading} + 0.2 \text{ mTorr}) \text{ max}$				
Output	✓		✓		✓
Control Output or Relays			✓		✓
Serial Communications			✓		✓
Power	115 vac; 50/60 Hz current	90-240 vac; 47-63 Hz, 2W	90-250 vac; 47-63 Hz, 5W	9V Battery	
DC Input Requirements		4.5-5.3 VDC, 1.5W	22-25 VDC, 5W		
Power Cable Length	6 Feet			None	1.5 m
Vacuum Sensor Cable Length	8 Feet			Extends to 13 Feet	8 Feet - other lengths available
Weight	1.3 Lb.	0.5 Lb.	0.7 Lb.		4.2 oz.
Cabinet Version (B)	✓	✓	✓		

	DV-5M	DV-5R	DV-5S
Color Band	Red		

<b>1/8" NPT Threaded Fitting</b>	✓	✓	✓
<b>1/4" VCR Male Fitting</b>	✓		
<b>KF-16 Fitting</b>			
<b>KF-25 Fitting</b>			
<b>Mini-CF Fitting</b>			
<b>Robust with Protective Cap</b>			✓
<b>Max Operating Temperature</b>	100°C	150°C	
<b>Max Postive Pressure</b>	150 PSIG	400 PSIG	
<b>Hermetically Sealed Base with Glass</b>	✓	✓	
<b>Stainless Steel</b>			
<b>Stainless Steel w/Nickel Plated Components</b>	✓	✓	✓

**Shipping Approx: 2 Weeks, subject to change – please contact [sales@drysdaleassoc.com](mailto:sales@drysdaleassoc.com)**