

## Teledyne Hastings- HVG-2020A

### Description

The HVG-2020A vacuum gauge from Teledyne Hastings is a media-isolated, gas composition independent, piezoresistive instrument that provides accurate pressure measurement throughout the rough vacuum region.

The HVG-2020A is easy to install, and the optional display provides the users with several different views, or modes of operation. The HVG-2020A is very flexible and can provide both analog and digital output to easily integrate into process control. A wide variety of linear analog output signals may be selected. This makes the HVG-2020A an excellent choice to replace more expensive capacitance manometers. Digital output can include RS232 and RS485 via a small jack on the top of the instrument. A USB connection is also available on many models which makes connection and operation very easy. Free Windows data acquisition software for data logging is available for the HVG-2020A.

- Media-Isolated Vacuum Gauge
- Gas Composition Independent
- Optional Display
- Easy Installation
- Analog and Digital Output



### Specification

Specification	HVG-2020A
Range:	0.1-1000 Torr
Accuracy*:	+(0.1% of Reading +0.5 Torr)
Operating Temperature:	-20 to 70 °C
Input Voltage:	12-36 VDC
Maximum Overpressure:	2000
Wetted Materials:	304 and 316L Stainless Steel
*Includes non-linearity, hysteresis, repeatability at ambient operating temperature after 2 hours warm up followed by zero adjustment.	

To specify your HVG-2020A Vacuum Gauge please see the next page for a Build Sheet, or contact Drysdale & Associates at [Sales@DrysdaleAssoc.com](mailto:Sales@DrysdaleAssoc.com) or call 513-831-9625.

Choose one from each set of options below:

Mark choice  
in this column

HVG-2020A				
	OUTPUT OPTIONS			
		01	0-1 VDC	
		02	0-5 VDC	
		03	0-10 VDC (Standard)	
		04	4-20 ma	
		05	0-20 ma	
	CONNECTION OPTIONS			
		01	1/8" NPT (Standard)	
		02	1/4" VCR	
		03	1.33" Mini-CF	
		04	2.75" CF	
		05	KF-16	
		06	KF-25	
		07	1/2" Weld Stub	
		08	1/2" VCR	
	MEASUREMENT UNIT OPTIONS			
		01	Toff (Standard)	
		02	mbar	
		03	kPa	
		04	psia	
		05	Bar	
		06	Pa	
		07	Atm	

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	DIGITAL COMMUNICATION OPTIONS			
		01	RS232 & USB (Standard)	
		02	RS485 & USB	
	DISPLAY OPTIONS			
		02	Display	
		03	No Display (Standard)	
	CALIBRATION OPTIONS			
			NIST Traceable Certificate with Data	
HVG-2020A ACCESSORIES				
		12-01-169	24 VDC Switching Power Supply. Can directly power HVG-2020A	
		12-01-160	AC Input Clip, US	
HVG-2020A CABLES				
		65-170	Cable (9-pin) to bare leads, 8 ft. (Contact Drysdale & Associates for custom length cables.)	
		CB-RS232-TRRS	RS232 Communication Cable Female DE9 Connector to Male TRRS Jack 6 ft.	
		CB-USB-Micro-B	Connects HVG-2020A (Micro USB) to USB	