

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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CDL Series
Standard Capacitance Diaphragm Gauges

- **1 to 1000 torr full scale range**
- **Unmatched repeatability for unheated gauges**
- **Excellent zero stability**
- **Improves system uptime**

Specifications

Full scale range:	1, 2, 10, 20, 100 & 1000 Torr
Recommended minimum control Pressure[1]:	
-- 1 Torr device	5mTorr
-- 2 Torr device	10 mTorr
-- 10 Torr device	50 mTorr
-- 20 Torr device	100 mTorr
-- 100 Torr device	500 mTorr
-- 1000 Torr device	5 Torr
Accuracy[2]:	0.25% (.5% -1000 Torr only)
Temp. effect of zero:	0.008%/^{o}C full scale
Temp. effect on span:	0.004%/^{o}C reading
Response Time:	10 msec
Overpressure Limit:	17 PSIA or 125% of full scale-whichever is greater
Input Power:	± 15 VDC (±5%) @35 mAmps minimum
Output Signal:	0-10 VDC (5K load)
Ambient Operating Temp Range:	5-45^{o}C
Exposed Materials:	Inconel® and 316L stainless steel
Measurement Cavity Volume:	17cc
Fittings:	KF-10, 8 VCO® female, 8 VCR® female, 2.75 in. Conflat®, KF-16
Connector Type:	Removable terminal strip or15-pin sub "D" connector

Notes:

1 This is based on a 50 mVolt control signal and is a conservative number.

2 Includes hysteresis, linearity, long term stability and reference standards.

Note: In accordance with SEMI Standard E12-91, Standard Temperature is 0^{o}C and Standard Pressure is 760 mm Hg (14.7 psia). All specifications subject to change without notice.VCO and VCR are registered trademarks of Crawford Fitting Co. Inconel and Conflat are registered tradmarks of Inco Alloys International.

MILLIPORE

Legal/Trademarks

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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