

The DVR-3000 digital vacuum regulator provides precise measurement and control of vacuum at 300 mm Hg below atmospheric pressure. Vacuum set point can be altered to any value within the operational range of 95 mm Hg to 450 mm Hg below atmospheric pressure. Solid state components contain no hazardous mercury.

#### Common Applications

- Asphalt cement
- Asphalt binders

# DVR-3000 Digital Vacuum Regulator

For Precise Measurement and Control of Vacuum at 300 mm Hg Below Atmospheric Pressure  
Ideal for method ASTM D2171

#### Precise control of vacuum

- Operating range: 95–450 mm Hg below atmospheric pressure  $\pm 0.5$  mm Hg
- Supplied with NIST certification of measurement accuracy
- Comes preset to regulate vacuum at 300 mm Hg below atmospheric pressure (consistent with ASTM D2171 requirements)
- Displays vacuum level in mm Hg

#### Configurable to user-specific needs

- Vacuum set point may be altered to fit customer specific application needs
- Trusted CANNON® platform offers reliability and dependable support

#### Safe, user-friendly design

- Solid state components contain no hazardous mercury
- Easy control input
- Small footprint



2139 High Tech Road | State College | PA | 16803  
800-676-6232 | 814-353-8000 | Fax 814-353-8007

sales@cannoninstrument.com | cannoninstrument.com

# DVR-3000 | Digital Vacuum Regulators

## Ordering Information

DVR-3000 Digital Vacuum Regulator consists of vacuum regulator and is supplied with a NIST certification of measurement accuracy.

Description	Part #
DVR-3000	9726-T70

## Accessories & Consumables

Description	Part #
CANNON pressure/vacuum pump	9726-L96
3VM vacuum manifold, 3 valves	9726-V10
4VM vacuum manifold, 4 valves	9726-V05
Neoprene vacuum tubing, 10 ft (1/4 in bore x 5/8 in OD)	9726-V23

## Product Specifications

Dimensions (W x D x H)	16.8 cm x 25.0 cm x 18.5 cm (6.62" x 10" x 7.25")
Weight	5 kg (11 lb)
Shipping dimensions (W x D x H)	40.64 cm x 33.0 cm x 33.0 cm (16" x 13" x 13")
Shipping weight	6.8 kg (15 lb)
Vacuum range & accuracy	95–450 mm Hg below atmospheric pressure ±0.5 mm Hg <i>factory preset to 300 mm Hg below atmospheric pressure</i>
Safety limit	746 mm Hg below atmospheric pressure
Operating conditions	15 °C to 30 °C, 10% to 75% relative humidity (non-condensing), Installation Category II; Pollution Degree 2
Electrical specifications	120 VAC, 50/60 Hz; 240 VAC, 50/60 Hz; 175 watts power consumption
Compliance	CE Mark; EMC directive (2004/108/EC); Low voltage directive (2006/95/EC); HI-POT (1900 VDC, 60 sec.); ROHS

CANNON Instrument Company® provides a variety of physical property testing equipment and consumables (vials, bath fluids, and reference materials) for your testing needs. To learn more, contact [sales@cannoninstrument.com](mailto:sales@cannoninstrument.com).



2139 High Tech Road | State College | PA | 16803  
800-676-6232 | 814-353-8000 | Fax 814-353-8007

[sales@cannoninstrument.com](mailto:sales@cannoninstrument.com) | [cannoninstrument.com](http://cannoninstrument.com)