

VacuGuard

Portable Control & Display Unit for Thermocouple Sensors

Product Features

- **Wireless Portability:** A replaceable “D” cell eliminates 110VAC extension cords and their associated safety hazards.
- **Rugged Construction:** Powder coated extruded aluminum enclosure and an available hands-free carrying case will go the distance for years of productive service.
- **Large Digital Display:** Bright red LED display won't wash out in direct sunlight.
- **Display reads in Torr or Millitorr, as appropriate to sensor type**
- **Position switch permits reading Televac 2A/ 2A Mini or DV4 and DV6 sensors.**



PRODUCT DESCRIPTION

The VacuGuard is a small, self-contained instrument, designed to power and read Televac 2A series or competitor compatible DV4 and DV6 series thermocouple sensors. The VacuGuard is powered by a 1.5V 'D' cell and will accept either single use or rechargeable 'D' cells. Front panel controls consist of a toggle power switch and a three position sensor select switch. The digital display is a four digit, seven segment red LED, 0.6" high, protected by a gray neutral density filter that permits use in bright ambient conditions. The instrument reads directly in torr or millitorr. Overall size is: 4"x2.5"x5.5". Instrument weight is 23 oz.

TYPICAL PRODUCT APPLICATIONS

- √ Bulk Cryogenic Storage Vessels
- √ Vacuum Jacketed Cryogenic Delivery Lines
- √ Mechanical Vacuum Pumps
- √ House Vacuum Systems
- √ Trailer Mounted Vacuum Systems

PRODUCT SPECIFICATIONS

- Power Source - 'D' cell, single use or NiCd
- Cell Utilization - Approx. 40 hours per cell or charge
- Display Type - Red LED, 0.6" high, four digits
- Display Output - Torr or millitorr, as appropriate to sensor type
- Sensor Inputs - Televac 2A or 2A Miniature, DV4 or DV6 compatible
- Cable Interface - RJ type modular jack, cable-specific for Televac or competitor sensor
- Size - 4.0" x 2.5" x 5.5"
- Weight with 'D' cell - 23 oz.

ORDERING INFORMATION

VacuGuard Instrument

P/N 1-3001-102

Cables

Cable, coiled, 10' extended length for Televac 2A Sensor

P/N 2-9800-081

Cable, coiled, 10' extended length for Televac NASA Miniature 2A Sensor

P/N 2-9800-082

Cable, coiled, 10' extended length for DV4 or DV6 Sensor

P/N 1-2400-036

Sensors *

Televac 2A sensor, plated forged brass body, 1/8" NPT interconnect

P/N 2-2100-10

Televac 2A sensor, stainless body, 1/8" NPT interconnect

P/N 2-2126-001

Televac Miniature 2A sensor, NASA specification

P/N 2-2100-31

Charger

Charges up to 4 each NiCd batteries. 110VAC input power

P/N 1-5400-024

Battery

NiCd rechargeable D cell battery, pack of 2 batteries

P/N 1-5400-025

Case

Carry Case, grey, with Adjustable Strap & Velcro fastener

P/N 1-2600-26

**Other Sensor interconnect options are available - please contact us or your local Televac Representative*

Your Televac Representative is:

A Division of The Fredericks Company
2400 Philmont Avenue
Huntingdon Valley, PA 19006-0067
Phone - 215.947.2500
Fax - 215.947.7464
www.televac.com

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