



- PORTABLE
- RUGGED
- ECONOMICAL

B2A-1-BAT Thermocouple Vacuum Instrument Battery-Operated, Rechargeable

Televac's new B2A-1-BAT is a portable, single station thermocouple instrument. The solid-state circuitry is contained in a compact, lightweight enclosure, ideal for field applications. Controls are front panel mounted. To operate, simply lift the flap of the carrying case – there's no need to remove the instrument. The Model B2A-1-BAT requires no warm-up and provides up to 40 hours of operation between charges. A padded carrying case with strap and a power cord for recharging the NiCad batteries is included. The instrument uses the standard Televac 2A Thermocouple

Features

- Extremely rugged, lightweight enclosure.
- Battery-powered for portability up to 40 hours of operation between charges.
- Only one current adjustment necessary for operation.
- Sensors are interchangeable without recalibration.
- Ambient temperature changes are compensated at the sensor.
- Extremely durable sensors withstand 150 psi.

General Specifications

B2A-1-BAT Portable Vacuum Instrument

Range

1 – 20,000 Microns

Accuracy

+/- 1 micron	0 to 10 micron
+/- 10% of reading	10 microns to 100 microns
+/- 20% of reading	100 to 1000 microns

Process Control Relays

2 SPDT contacts
5 amps @ 220 volts
non-inductive load

Power

90 to 130 VAC

Calibration Medium

Dry Air or Nitrogen

Overpressure Tolerance for Sensor

150 psi

Sensor Materials

Stainless steel or nickel-plated brass

Operating Temperature

0° to +50°C

Sensor: Bake-out 200°C
(Stainless Steel with CF flange)



- Measurement Range – 10^{-3} Torr to 20 Torr
- Construction – Nickel-Plated Brass, Stainless Steel

Sensor

2A 1/8" NPT Nickel Brass	2-2100-10
2A 1/8" NPT Stainless Steel	2-2126-011
2A NW 16 KF Stainless Steel	2-2126-030

PartNumber

Other fittings available – call factory

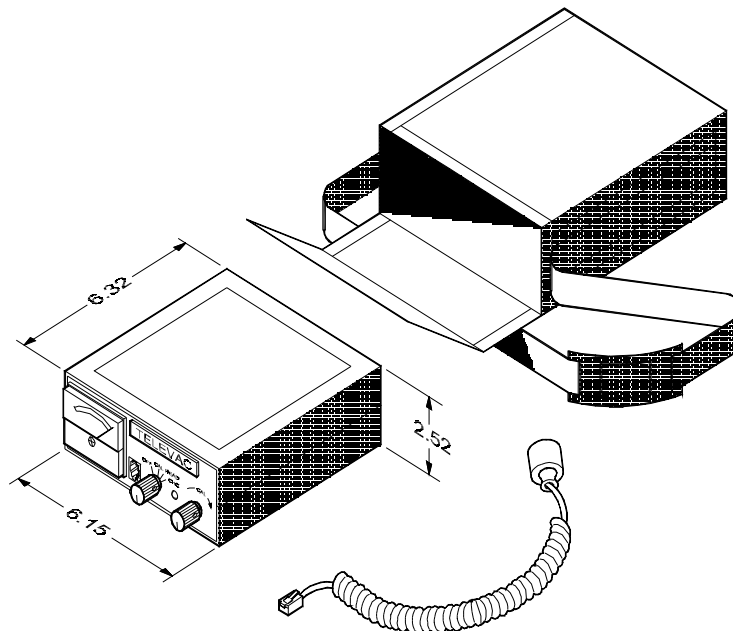


Cable (is included)

2A T/C Coil, Flat Mod.

Part Number

2-9800-081



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