

Sint-Niklaas, 15 January 2012

CERTIFICATE OF CALIBRATION

We, ITE n.v. - Europark Oost 24 - 9100 Sint-Niklaas - Belgium,
hereby declare that the ITE Digital Vacuum Gauge **ITE-54V** is
manufactured in accordance with the following directives:

Applicable Directives :	Specifications to which Conformity is declared :
73/23/EEC 93/88/EEC	EN61010-1:1993
89/336/EEC 92/31/EEC	EN50081-1:1995 EN50082-1:1995

Compliance to the specifications has been verified with the following standards:

EN 55022/1995
ENV 50140/1994
EN 61000-4-2/1995
EN 61000-4-4/1995

Furthermore;

The ITE-54V has been manufactured in accordance with the
specifications as shown on the attached page and has also been factory
calibrated in conformity with the above directives.



Dirk Maes
Technical Director

6. "MECHANICAL SERIES" " ITE " VACUUM GAUGES

827-VRP RELATIVE VACUUM GAUGE Ø 80 mm

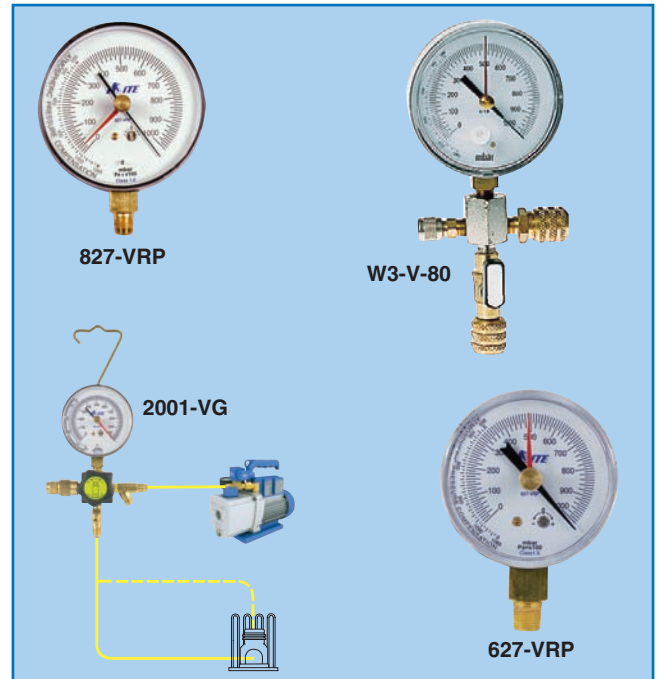
- 80 mm "PULSE FREE" relative vacuum gauge
- Adjustable red pointer for reference mark
- **1/8" male NPT** bottom connection
- Reading in mbar, 1000 – 0 mbar. Class 1.6
- Zero calibration screw
- 1/4" turn screw-type crystal lens
- Gauge has 3 holes in the back for fitting a wall mount bracket

627-VRP RELATIVE VACUUM GAUGE Ø 60 mm

- 60 mm "PULSE-FREE" relative vacuum gauge
- Adjustable red pointer for reference mark
- **1/8" male NPT** bottom connection
- Reading in mbar, 1000 - 0 mbar. Class 1.6
- Zero calibration screw
- 1/4" turn screw-type crystal lens

2001-VG VAC MANIFOLD with 80 mm vacuum gauge and hook MB1-ADS/VAC manifold body with 827-VRP relative vacuum gauge

W3-V-80 3-WAY MANIFOLD with relative vacuum gauge and ball valve, Ø 80 mm 1/4" SAE OD x 3/8" SAE OD x 3/8" SAE ID



7. ELECTRONIC MICRON VACUUM GAUGES

ITE-50V LED VACUUM GAUGE (complete)

DESCRIPTION

- A durable self contained battery powered vacuum gauge which displays the level of vacuum on **10 LED** color read out.
- Unique design for "in line" connection through the system or directly to the vacuum pump. Zipped vinyl carrying case.
- Pocket size: only **140 x 45 x 38 mm**.
- Cleanable thermistor sensor for repeat accuracy.
- Single switch operation (no adjustment required).
- Low battery indication. Colour coded LED display.
- Hanger and stand support for remote connections.
- High impact satin polycarbonate shell.

SPECIFICATIONS

- **10 LED** Segments from **atmosphere** to **50 microns**.
- Connections: Standard **1/4" male flare SAE**.
- Power one battery (not included). Optional A/C adaptor.
- **CE approval**.

ITE-54V DIGITAL VACUUM GAUGE

DESCRIPTION

- Suitable for field or laboratory use
- Cleanable thermistor sensor, cleaning port provides quick cleaning and drying
- Standard 1/4 inch male flare fitting
- Built-in hanger

SPECIFICATIONS

- Display updated every 1/2 second. 1 micron resolution below 200 microns of vacuum
- Vacuum range: **0 - 12,000 microns** (0 - 1,600 Pascals) with vacuum increasing/decreasing indicator when above 12,000 microns
- Reads vacuum in 7 selectable international units: Microns, Psi, InHg, millibars, Pascals, Torr, milliTorr
- Operating temperature range: **+2°C to +52°C** (+35°F to +125°F)
- Overpressure: **20 bar max** (300 Psi)
- Accuracy: **± 10%** (0 to 1000 microns)
- Power source: **9 Volt Alkaline Battery** (not included), continuous usage over 35 hours
- Auto shutoff after 10 minutes when vacuum reading is above 12,000 Microns (12 Torr)
- Dimensions: **140 x 76 x 32 mm** (5 1/2" x 3" x 1 1/4")
- Weight: **190 gr** (6.7 ounces)

