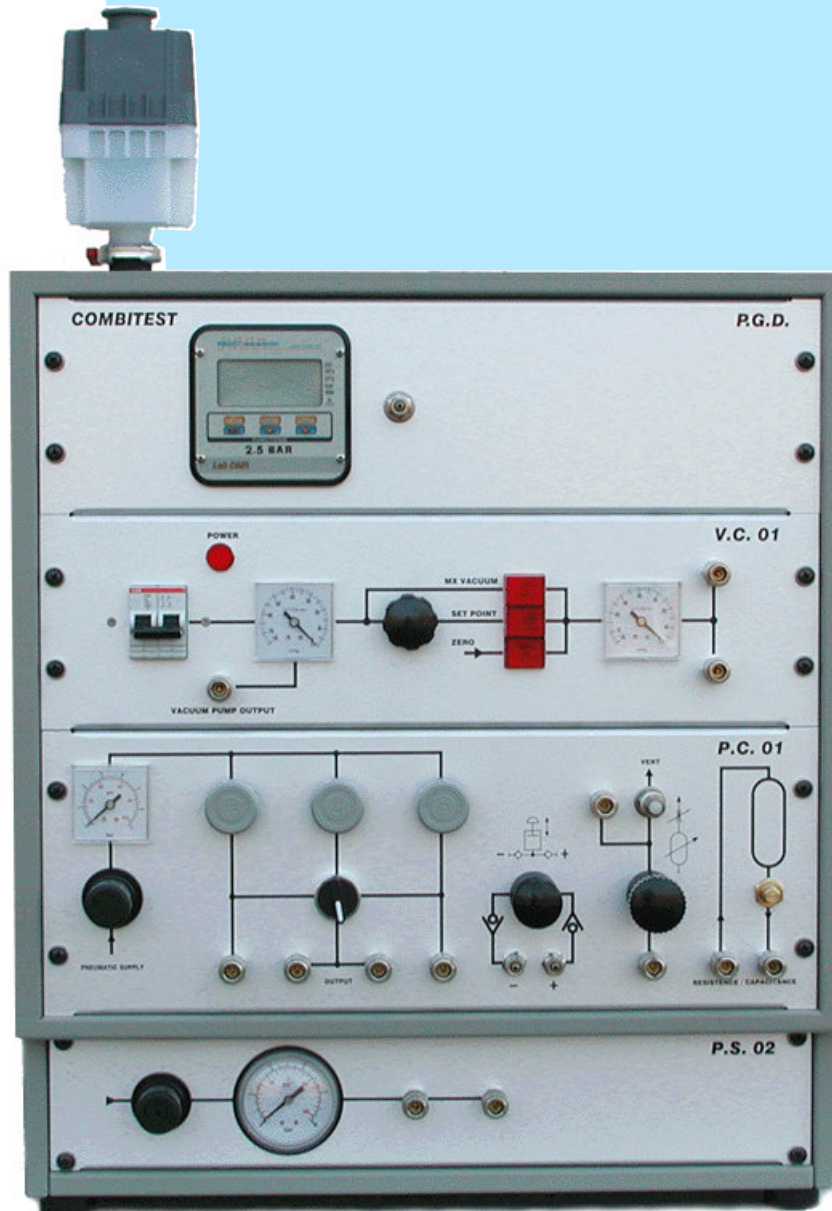


# COMBITEST

## PRESSURE/VACUUM CALIBRATION EQUIPMENT



### **Application:**

*Calibration of gauges/ transmitters of pressure in the range -1000/+2500 mbar, differential pressure and vacuum (up to  $10^{-1}$ )*

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## VACUUM/PRESSURE CALIBRATION EQUIPMENT

### APPLICATION

Calibrations of gauges / transmitters of pressure in the range  $-1000/+2500$  mbar), differential pressure and vacuum (up to  $10^{-1}$ ).

### TECHNICAL CHARACTERISTICS (STANDARD VERSION)

#### PANEL PGD 01 - Digital measuring of pressure

n. 1 internal digital gauge for measuring relative and differential pressure as well as vacuum, digital display 4 ½ digit

Range:  $-1/+2,5$  bar, accuracy  $\pm 0.05\%$  fs.  $\pm 1$  digit at  $+20$  °C

Measurement units: bar, psi, MPA, KPA, mbar

(Other range:  $-1/+1$  bar,  $-1/+5$  bar,  $0/+10$  bar also with combination of 2 manometers)

#### PANEL VC 01 - Vacuum calibrations

##### Main switch

##### n. 2 line vacuum gauges

n. 1 precision vacuum regulator, range  $0/750$  mmhg combined with an interlocked three-way push-button panel with output from maximum vacuum signal, set point, resetting.

n. 1 direct-drive vacuum pump, two-stage version, flow rate:  $6$  m<sup>3</sup>/h, fitted with smoke exhaust anti-oil filter.

#### PANEL PC 01 - Pressure calibrations

Fitted with 3 sets of pneumatic output which can be introduced in the range  $0/2,5$  bar by a pneumatic selector, sensitivity  $\pm 0.2$  mmhg, stability  $\pm 0.25\%$  for change in supply (2 bar) including:

n. 1 supply reducer equipped with a gauge

n. 3 two-stage precision regulators, range  $0/2,5$  bar, which can be inserted in sequence by a pneumatic selector with an output to pneumatic sockets.

Manual pump generating vacuum signals, pressure range  $-600$  mbar/ $+2,5$  bar combined with a precise volumetric variator and vent valve; it is required for the generation of very low values at high sensitivity.

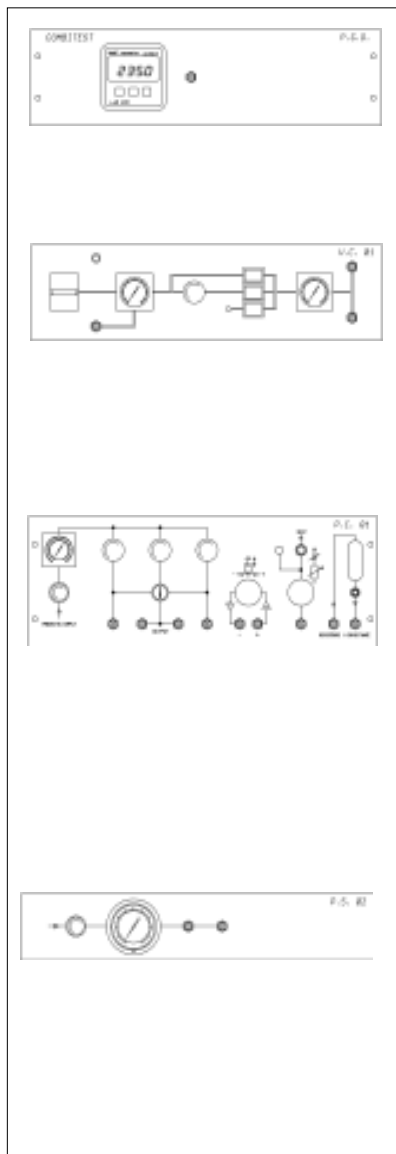
n. 1 R/C circuit for the simulation of the line delay.

#### PANEL OF PNEUMATIC SUPPLIES

N°1 supply reducer, pressure gauge and 2 pneumatic sockets. Output:  $0/6$  bar.

### SPECIAL VERSION

By request, is available other models of panels with range  $-1/+1$  bar,  $-1/+5$  bar,  $0/+10$  bar; 2 digital manometers combinations is also available



### TECHNICAL DATA

#### RACK unit 19"

- Metal structure (15/10)
- Epoxy paint RAL7030
- Aluminium printed front panels

User instruction manuals in Italian and/or English, electrical cables, fuses

#### Supply

**Voltage** 230V - 50 Hz.

**Pneumatic supply** 8 bar max with a rear 2 stage filter and a line reducer

**Weight** 46 Kg

**Dimension** 515 x 400 x 600 mm

#### CERTIFICATIONS

All instruments are fitted with an inspection, stability and precision report traceable to SIT Standards

#### A QUESTION OF CALIBRATION



ISO 9001  
CERT. N° 9115 GIU1



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