

BTC 2P

PNEUMATIC CALIBRATOR



Application:

-Testing and calibration of transducers and electro-pneumatic transmitters in the field and in the laboratory



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PNEUMATIC CALIBRATOR

The pneumatic calibrator BTC-2P is a compact instrument for use in the field and in the laboratory.

The printing on the panel makes it easy to interpret the various functions making their use immediate.

The instrument is supplied with a series of accessories which are contained in the lid.

GENERAL CHARACTERISTICS

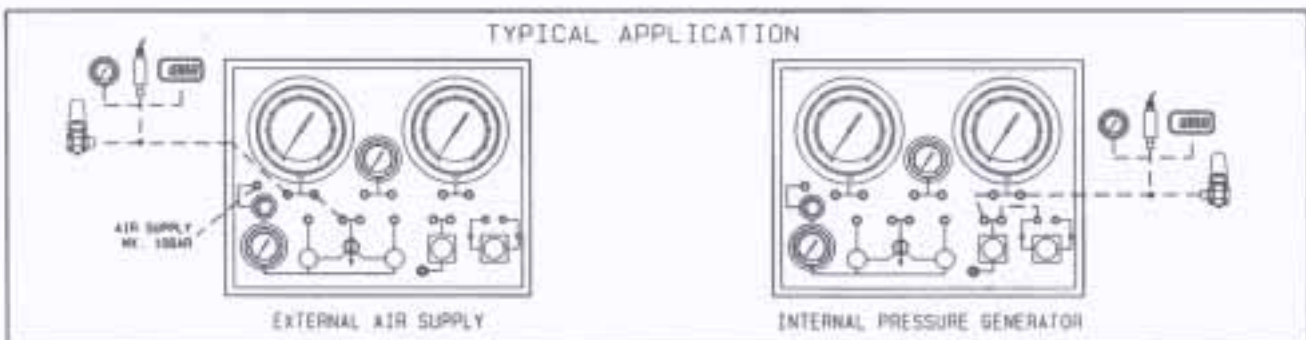
The instrument can be fed directly with compressed air with a maximum pressure of 10bar.

The internal pneumatic circuit is fitted with an input reduction unit and line manometer.

Two double-stage precision regulators supply two independent manual commutable pressure signals on one common output point.

It is also possible to generate vacuum or pressure autonomously by means of the manual pump and the integrated fine converter. The instruments are mounted on an anticorrosive panel housed on ABS carrying case.

- Master gauges with different range are available by request.

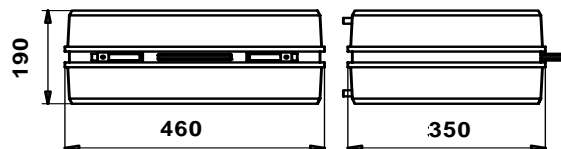


TECHNICAL DATA

- Manual pneumatic pump for generating vacuum or pressure in the field
-500mmHg / +2bar.
- Fine adjustment of the generated signal.
- Rapid discharge push-button panel.
- External feed reduction unit with line manometer.
- 2 double-stage precision regulators field 0÷2.5bar; sensitivity 1mbar.
- 3-position pneumatic commutator.
- Master gauge accuracy $\pm 0.25\%$, OM/C $\varnothing 160$ model, with three scales: 0÷20psi; linear and square scales in the range 3/15psi. Over-range pressure security valve.
- Master gauge accuracy $\pm 0.25\%$, OM/C $\varnothing 160$ model, range 0÷5000mmH₂O.
- Over-range pressure security valve.

STANDARD ACCESSORIES

- N.4 plastic tubes L.400mm with quick coupling.
- N.2mt of plastic tube: size 6x4mm.
- N.1 teflon roll.
- N.1 kit of coupling for tube 6x4.
- N.1 kit of male adapter unions 1/8"-1/4"-3/8" for tube 6x4.



SIZE AND WEIGHTS

- Weight 10Kg.
- Size 460x350x190mm



ISO 9001
CERT. N° 9115 GIU1



CERTIFICATION

All the instruments are supplied with final testing, stability and accuracy certification traceable to SIT standards

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A QUESTION OF CALIBRATION