

S2C129E5-BA

*Pressure & Vacuum Generators
end Users and OEM's from -1 to 7 bar*



BA-12



BA-42



BA-31



BA-32



BA-51



BA-52

A classic calibration tool. Negative and Positive Pressure for foolproof operations up to 7 bar

Few things are strictly necessary to make the calibration and the testing of any pressure instrument.

One of these is undoubtedly the pressure generator, indispensable to provide the reference pressure to the measuring and comparison loop.

Either as a loose item, properly associated to the reference manometer and instrument being tested, or as a complement of any higher level calibration equipment such as Multi-Function / Multi-Variable portable Digital Calibrators or any sophisticated Workshop Calibration System, the **Scandura's BA** series Pressure Generators play their role at the optimum level.

Its high performances are associated with an excellent price to performance ratio, including long terms performance stability and operating reliability as the market leaders only can ensure.

For large quantity supplies Original Equipment Manufacture (OEM) Agreements are possible with any Distributor/Provider of and Maintenance Process Control Equipment.

■ ACCESSORIES

- ▶ 1.5 m Ø 6 mm red PVC hose (code 616006)
- ▶ Pressure volumetric Regulators
Depending the requirements they may be associated to any pneumatic pressure generators and specifically the BA series.

■ TECHNICAL SPECIFICATIONS & DATA

MODEL	BA12	BA42	BA31	BA51	BA32	BA52
Function	Pump & Reg.	Pump & Reg.	Regulator	Pump	Regulator	Pump
Vacuum/ Pressure range	0÷7 bar	-900÷0 mbar	max 10000 mbar	-900÷7000 mbar	max 20000 mbar	-900÷20000 mbar
Sensitivity of volumetric adjustment	0.1 mbar @ P.atm.	0.1 mbar @ P.atm.	0.1 mbar @ P.atm.	---	0.1 mbar @ P.atm.	---
Air volume (approx)	33.5 cm3	33.5 cm3	24 cm3	30 cm3	24 cm3	12 cm3
Pressure Volumetric Regulator	Yes	Yes	No	No	No	No
Vent with venting valve	Yes	Yes	No	No	No	No
Pump/ Volumetric adjust	Axial	Axial	---	---	---	---
Process connections	Push-in ¼" hose	Push-in ¼" hose	Slide -on ¼" hose	Slide-on ¼" hose	Slide-on ¼" hose	Slide-on ¼" hose
Dimensions	200x55 mm	200x55 mm	115 x 50	135x70 mm	115 x 40	130x50 mm
Weight	400 g	400 g	210 g	250 g	170 g	190 g
Mounting	Hand-held only	Hand-held only	Panel only	Panel only	Panel only	Panel only

■ STANDARD SUPPLY

- ▶ Standard supply for BA-12 and BA-42 includes:
 - Basic Unit
 - PVC hose 50 cm
 - "T" push-in connector
 - Certificate of Conformity
- ▶ Standard supply for BA-31/51/32/52 includes:
 - Basic Unit
 - Conformity Certificate

■ ORDER GUIDE

BA	Basic model
12	Range 0 ÷ 7 bar
42	Range -900 ÷ 0 mbar
31	Range max 10000 mbar
51	Range -900 ÷ 7000 mbar
32	Range max 20000 mbar
52	Range -900 ÷ 20000 mbar

■ RECOMMENDED COMPLEMENTS

- ▶ **Scandura** offers a number of devices that may easily complement **BA** series operation for any application:
 - Reference Digital Pressure Gauges series **D**
 - Reference Analog Precision Test Gauges series **1255**
 - Standard Pressure Gauges series **1150/C**
 - Standard Pressure Gauges series **A**
 - Portable Reference Digital Pressure Gauge series **RDI-P**



Visit the website: www.impress-sensors.co.uk

Company Reg. No.: 4346738, VAT No.:786 6596 54, Reg Address: Impress Sensors & Systems Ltd, Unit 6 Mercury House, Calleva Park, Aldermaston, Berkshire, RG7 8PN