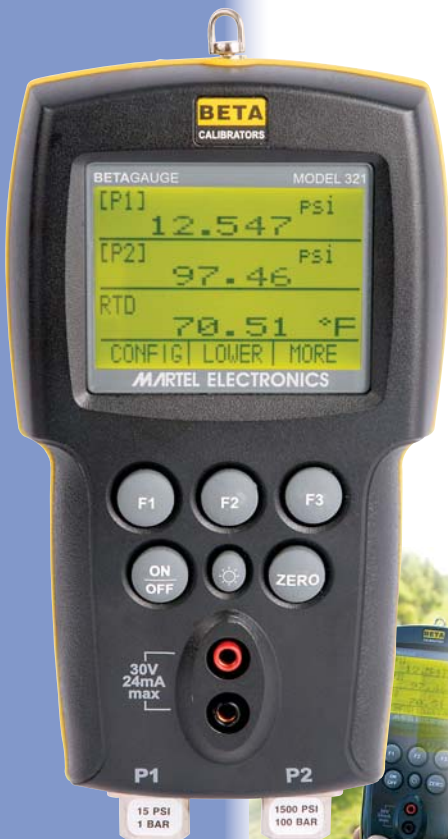




## BetaGauge 321 Dual Sensor Precision Pressure Calibrator



The BetaGauge 321 has everything you need for calibrating pressure anywhere:

- Unmatched measurement accuracy and flexibility
- Three pressure inputs – two internal, plus one external
- Pt100 RTD input
- 4-20 mA loop
- 30 VDC
- 24 V loop power for transmitters



Simultaneous display of two pressure and an RTD measurement make the BetaGauge 321 ideal for gas custody transfer applications.

### FEATURES

- Two isolated, stainless steel, pressure sensors with 0.025% F.S. accuracy
- Temperature-compensation ensures accuracy in the field
- External pressure module connection supports all BETA Port-P pressure modules (28 ranges)
- Pt100 RTD input for temperature measurement, accurate to 0.1°C (0.2°F)
- Measure 4-20 mA input
- Internal 24 V Loop Power Supply can power a transmitter under test
- Measure up to 30 V DC
- Large graphic style LCD with backlight can be configured to display up to 3 inputs simultaneously
- Pressure displayed in the user's choice of engineering units
- Switch test on Pressure 1 and 2, or external pressure module
- Operating mode layers support use from simple measurements to complex applications
- Two standard configurations – 15 psi/1500 psi, or 30 psi/3000 psi
- Custom configurations select between any two ranges from 0.3, 1, 5, 15, 30, 100, 300, 500, 1000, 1500, 3000, 5000, or 10,000 psi
- Up to five frequently used setups to be stored; last setup automatically recalled on power-up
- % Error and damping functions
- Small, rugged, compact design operates on four (4) standard AA batteries

**Supplied with** soft case, batteries, manual, NIST-traceable certificate, and test leads

**Kits include** the BetaGauge 321 Pressure Calibrator, Pt100 RTD Probe, batteries, manual, NIST-traceable certificate, test leads, and hard-sided carrying case.

**To order call 800-828-1470**

Order #	Description	Price
25088CL	BetaGauge 321, 15/1500 psi ranges	\$ 1,795.00
25089CL	BetaGauge 321, 30/3000 psi ranges	\$ 1,795.00
25091CL	BetaGauge 321, 15/1500 psi Kit	\$ 2,095.00
25092CL	BetaGauge 321, 30/3000 psi Kit	\$ 2,095.00
25094CL	RTD Probe Assembly	\$245.00
25044CL	BETA Pressure Module Adapter	\$245.00
65135MM	Transcat Universal Test Probe	\$15.00
PPC020	Transcat Accredited Calibration	\$200.00

## BetaGauge 311

### Single Sensor General Purpose Precision Pressure Calibrator



Best-in-class calibration accuracy and unmatched features in a general-purpose pressure calibrator:

- Two pressure inputs — one internal, plus one external
- Pt100 RTD input
- Special features to facilitate calibration of mass flow computers and electronic flow meters (EFMs)



**BPPA-100**  
BetaPort-P Adapter

**BetaPort-P**  
Pressure Modules  
Available in 28 ranges

Adapter and modules not shown to scale.

## FEATURES

- One isolated, stainless steel, pressure sensors with 0.025% F.S. accuracy
- Temperature-compensation ensures accuracy in the field
- External pressure module connection supports all BETA Port-P pressure modules (28 ranges)
- Pt100 RTD input for temperature measurement, accurate to 0.1°C (0.2°F)
- Measure 4-20 mA input
- Internal 24 V Loop Power Supply can power a transmitter under test
- Measure up to 30 V DC
- Large graphic style LCD with backlight
- Display can be configured to display up to 3 inputs simultaneously
- Pressure displayed in the user's choice of engineering units
- Switch test on Pressure (internal or external)
- Operating mode layers support use from simple measurements to complex applications
- Select any range from 0.3, 1, 5, 15, 30, 100, 300, 500, 1000, 1500, 3000, 5000, or 10,000 psi
- Up to five frequently used setups to be stored; last setup automatically recalled on power-up
- % Error and damping functions
- Small, rugged, compact design operates on four (4) standard AA batteries

**Supplied with** carrying case, test leads, instruction manual, set of four AA alkaline batteries, and a calibration certificate

## To order call 800-828-1470

Order #	Description	Price
25387CL	BetaGauge 311, 5 psi range	\$ 1,495.00
25388CL	BetaGauge 311, 15 psi range	\$ 1,495.00
25389CL	BetaGauge 311, 30 psi range	\$ 1,495.00
25390CL	BetaGauge 311, 100 psi range	\$ 1,495.00
25391CL	BetaGauge 311, 300 psi range	\$ 1,495.00
25392CL	BetaGauge 311, 500 psi range	\$ 1,495.00
25393CL	BetaGauge 311, 1500 psi range	\$ 1,495.00
25394CL	BetaGauge 311, 1000 psi range	\$ 1,495.00
25395CL	BetaGauge 311, 3000 psi range	\$ 1,495.00
25396CL	BetaGauge 311, 5000 psi range	\$ 1,495.00
25397CL	BetaGauge 311, 10000 psi range	\$ 1,495.00

## BetaGauge 301

### Single Sensor General Purpose Pressure Calibrator



#### FEATURES

- One isolated, stainless steel, pressure sensors with 0.05% F.S. accuracy
- Temperature-compensation ensures accuracy in the field
- External pressure module connection supports all BETA Port-P pressure modules (28 ranges)
- Measure 4-20 mA input
- Internal 24 V Loop Power Supply power2 transmitter under test
- Measure up to 30 V DC
- Large graphic style LCD with backlight
- Display can be configured to display up to 3 inputs simultaneously
- Pressure may be displayed in the user's choice of engineering units
- Switch test on Pressure (internal or external)
- Select any range from 1, 5, 30, 100, and 300 psi
- Up to five frequently used setups to be stored; last setup automatically recalled on power-up
- % Error and damping functions
- Small, rugged, compact design operates on four (4) standard AA batteries

With one internal pressure range and an available adapter for external BetaPort-P pressure modules, the possibilities are extensive.

**Supplied with** carrying case, test leads, instruction manual, set of four AA alkaline batteries, and a calibration certificate

**Kits include** the BetaGauge 301 Pressure Calibrator, carrying case, pneumatic pump, connections and fittings.

To order call 800-828-1470

Order #	Description	Price
25399CL	BetaGauge 301, 1 psi range	\$ 1,099.00
25400CL	BetaGauge 301, 5 psi range	\$ 1,099.00
25401CL	BetaGauge 301, 30 psi range	\$ 1,099.00
25402CL	BetaGauge 301, 100 psi range	\$ 1,099.00
25403CL	BetaGauge 301, 300 psi range	\$ 1,099.00
<b>KITS:</b>		
25404CL	1 psi with MECP100 Pump	\$ 1,399.00
25405CL	5 psi with MECP100 Pump	\$ 1,399.00
25406CL	30 psi with MECP100 Pump	\$ 1,399.00
25407CL	100 psi with MECP500 Pump	\$ 1,699.00
25408CL	300 psi with MECP500 Pump	\$ 1,699.00

## Need a high accuracy, digital test gauge?

Take a look at the TRANSCAT Digital Test Gauge



- $\pm 0.05\%$  F. S.
- Temperature compensated accuracy over 0 to 50 °C
- Eight (8) standard pressure ranges
- Displays in 18 standard or fully custom engineering units
- Supplied with hand pump

To order call 800-828-1470

Order #	Description	Price
95462PR	500 psi, Standard Kit, w/25385CL Pump	\$ 1,395.00
95463PR	100 psi, Standard Kit, w/25385CL Pump	\$ 1,395.00