



THE DEPENDABILITY, ACCURACY, AND RELIABILITY OF 3D INSTRUMENTS TEST GAUGE AND HAND HELD PRESSURE PUMP, COMBINED WITH A RUGGED AND HANDSOME CARRYING CASE. A PORTABLE CALIBRATION KIT WITH THE STRENGTH TO TAKE "LIFE ON THE ROAD". THE "HANDY-CAL" CALIBRATION KIT PROVIDES BOTH A PRESSURE SOURCE AND A CALIBRATION STANDARD TRACEABLE TO NIST IN ONE CONVENIENT PACKAGE.

SERIES 100



Reinforced, temperature resistant HDPE

SERIES 200



O-Ring Sealed
Waterproof: high impact HDPE

Non metal construction will not dent, corrode or conduct electricity

Lockable

FEATURES

- Comes completely ready-to-use with certified analog or digital test gauge & hand pump

Two case designs available:

- Reinforced temperature resistant HDPE (Series 100)
- Waterproof high impact HDPE Protection from moisture, salt, dust (Series 200)
- Pre-cut foam inserts for safe storage & travel
- Complete portability for either an analog or digital test gauge
- Brief case sized convenience, can be checked as luggage.
- Ultraviolet and ozone stabilized
- Designed for long life

APPLICATIONS

Remote field pressure calibrations for:

- Process pressure gauges
- Transmitters and other process equipment requiring a stable pressure source
- Setting pressure switches

SPECIFICATIONS



SERIES 100

Exterior Dimensions: 14 1/2" x 18 1/2" X 6 1/4"
37 cm x 47 cm x 16 cm

Weight:	Empty	Gauge & Pump
	4 lbs. 5 oz. 2 kilos	7 lbs. 6 oz. 3.4 kilos

Temperature:	Min – 65°F 18°C	Max – 234°F 112°C
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SERIES 200

14 1/2" X 18 1/2" X 6"
37 cm x 47 cm x 15 cm

Weight:	Empty	Gauge & Pump
	8 lbs. 4 oz. 3.6 kilos	12 lbs. 6 oz. 6 kilos

Temperature:	Min – 65°F 18°C	Max – 190°F 88°C
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Note: Please see separate bulletins for detail specifications of the 3D hand pumps & test gauges.

ORDERING INFORMATION

HANDYCAL

TYPE	ACCESSORY PART NUMBERS										DIAL SCALES									
1/2" GAUGE WITH PUMP	8110-3000 TO 3000 PSI PNEUMATIC	8110-300 AND 0146-0115 WITH SERIES 100 CASE	8110-300 AND 0146-0215 WITH SERIES 200 CASE	8111-300 25" HG VACUUM TO 300 PSI	8111-300 AND 0146-0115 WITH SERIES 100 CASE	8111-300 AND 0146-0215 WITH SERIES 200 CASE	8112-3000 0 TO 3000 PSI HYDRAULIC	8112-3000 WITH 0146-0115 WITH SERIES 100 CASE	8112-3000 WITH 0146-0215 WITH SERIES 200 CASE											
P	L	M	N	P	Q	R	S	T	U	O	A	B	C	D	E	F	G			

GAUGE CARRYING CASES

Part Number	Series #	Capacity
0146-0106	100	1 - 4 1/2" or 6" gauge
0146-0206	200	1 - 4 1/2" or 6" gauge
0146-0107	100	2 - 4 1/2" or 6" gauges
0146-0207	200	2 - 4 1/2" or 6" gauges
0146-0108	100	3 - 4 1/2" gauges
0146-0208	200	3 - 4 1/2" gauges
0146-0109	100	1 - 8 1/2" gauge
0146-0209	200	1 - 8 1/2" gauge
0146-0115	100	Handy Cal Case
0146-0215	200	Handy Cal Case

Ordering Information

1. Select test gauge from 2001 Catalog.
2. Select hand pump from 8100 Data Sheet.
3. Select case series.
4. Assemble P/N from matrix

Example:

25544-33B51 **P U O**

4.5" Test gauge w/ 0 - 3000 psi scale
8112-3000 Hydraulic hand pump
0146-0215 Series 200 carrying case

Cases are complete with pre-cut foam insert. Pressure gauges ordered separately.

Your local 3D Instruments distributor

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