

'HANDY-CAL' Rugged, Portable Pressure Test Kit

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



Waterproof: high impact HDPE
O-Ring Sealed

Non metal construction will not dent, corrode or conduct
electricity

Lockable

FEATURES

- Comes completely ready-to-use with certified test gauge & hand pump.

Two case designs available:

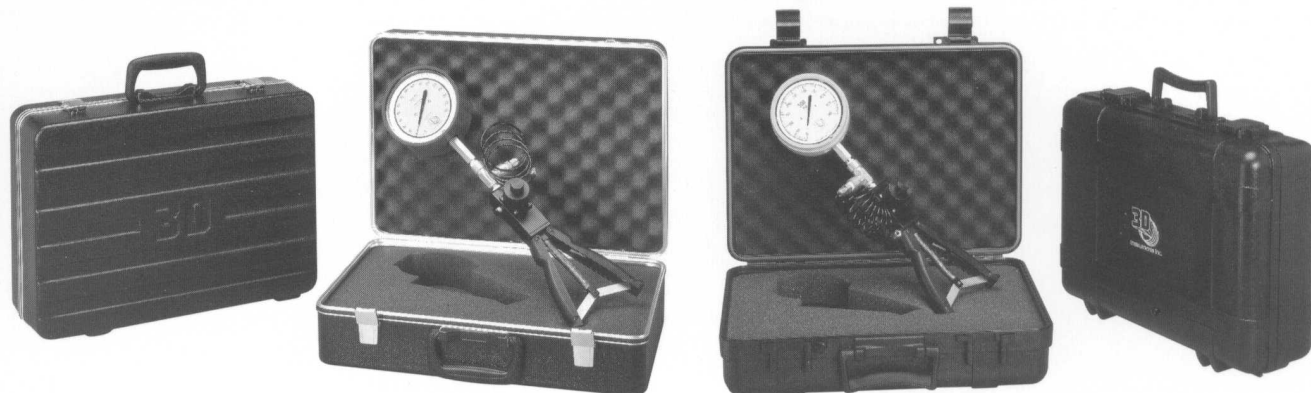
- Reinforced temperature resistant HDPE (Series 100).
- Waterproof high impact HDPE Protection from moisture, salt, dust (Series 200).
- Pre-cut foam inserts for safe storage & travel.
- Complete portability for an ANSI B40.1 0.25% pressure standard.
- Brief case sized convenience, can be checked as 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 0.25% pressure calibration source.
- Setting pressure switches

SPECIFICATIONS



Exterior Dimensions:

SERIES 100	14 1/2" x 18 1/2" X 6 1/4" 37cm x 47cm x 16cm
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SERIES 200
14 1/2" X 18 1/2" X 6"
37cm x 47cm x 15cm

Weight:	Empty	Gauge & Pump	Empty	Gauge & Pump
	4 lbs. 5 oz. 2 kilos	7 lbs. 6 oz. 3.4 kilos	8 lbs. 4 oz. 3.6 kilos	12 lbs. 6 oz. 6 kilos

Temperature:	Min – 65°F 18°C	Max – 234°F 112°C	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 pump & test gauge.

ORDERING INFORMATION

HANDYCAL

GAUGE CARRYING CASES

TYPE	ACCESSORY PART NUMBERS										DIAL SCALES							
1/4% GAUGE WITH PUMP	8110-300 0 TO 300 PSI PNEUMATIC	8110-300 WITH SERIES 100 CASE	8110-300 WITH SERIES 200 CASE	8111-300 25" HG VACUUM TO 300 PSI	8111-300 WITH SERIES 100 CASE	8111-300 WITH SERIES 200 CASE	8112-3000 0 TO 3000 PSI HYDRAULIC	8112-3000 WITH SERIES 100 CASE	8112-3000 WITH SERIES 200 CASE									
P	L	M	N	P	Q	R	S	T	U	O	A	B	C	D	E	F	G	

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" gauge
0146-0208	200	3 - 4-1/2" gauge
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

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

Instructions

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

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

Your local 3D Instruments distributor:



15542 Chemical Lane, Huntington Beach, CA 92649
Phone: (714) 894-5351 * FAX: (714) 895-4309