



Setra Lite™ Construction Kit

Features

- Water and dust-proof protective case
- Sturdy handle for easy transportation
- Lockable case design
- Simple red/green light alarm status
- Optional value read out display
- 15 ft of flexible tubing
- AC power adapter included
- Battery pack included

Portable, Accurate Pressure Monitoring

The Setra LITE Construction Kit provides everything you need to monitor pressurized spaces around on-site construction or fume extraction. Simply place the kit outside the work area and run the flexible tubing inside the pressurized space to provide continuous readings and alarming. The pressure readings and alarming come from Setra's industry leading monitor, the Setra LITE, available in multiple ranges and +/-0.5% Full Scale Accuracy

Rugged and Compact

The Setra LITE Construction Kit is designed to easily be taken with you to any job site. Everything needed to set up pressure readings and power the unit is included inside the compact 12" x 15" x 7" case. The case also has metal roll bars to protect the pressure read out and alarm screen from any damage. With the Setra LITE Construction Kit you and your customers can have confidence that the areas surrounding construction will be consistently monitored to ensure a safe and clean environment.

Applications

- Clean Room construction sites
- Hospital remodel or Expansion Projects
- Pressurized temporary enclosures and structures
- Fume extraction or Air filtered areas



Specifications

Physical description

Case Rating	IP67 (Nema 6) Rated
Dimensions	12" x 15" x 7"
Weight	6.8 lb.
Monitor Display	Color: RGB, 65K Resolution: 128x160, backlight: LED
Light Ring	Green, red, or off for standby mode

Electrical

Power Requirements	120 VAC with international interchangeable adapters provided
Power cord (length)	5 ft grounded power cord
Power Provided	AC Adapter with interchangeable global adapters included Battery pack for up to 12 hrs of use with four 9V retail batteries (first set of batteries included)
Power Options	Switch on side of case to change from AC to battery power as needed
Output	2 wire output signal available for remote monitoring

Environmental data

Operating temp.	32°F to 120°F
Storage temp.	32°F to 120°F
Operating humidity	NA

¹RSS of non-linearity, non-repeatability, and hysteresis

General

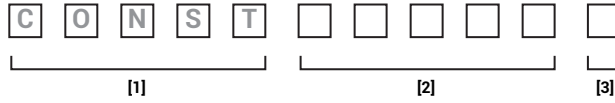
Portability	Carrying handle at top of case
Case Features	Lockable case, padlock ready for added security Metal rollbars to protect display IP67 rating with auto venting for air travel
Alarm indication	Red illuminated LED light ring, 11 mm standoff from faceplate, viewable at 90° angle from side
Tubing	15 ft medical grade silicon tubing with integrated sintered filter and quick disconnect fitting

Performance

Accuracy ¹	±0.5% FS
Non-linearity (BFSL)	±0.44% FS
Hysteresis	±0.10% FS
Non-repeatability	0.05% FS
Span Tolerance	±1% Rdg
Thermal effects ²	
Zero shift %FS/°F (°C)	±0.033 (±0.06)
Span shift %FS/°F (°C)	±0.033 (±0.06)
Long-term stability	±0.5% FS per year
Overpressure	±1 PSI (15" WC for <0.10" WC FS)
Pressure media	Air or non-conductive, non-explosive gases
Pressure fittings	3/16" barbed fitting
Position	Can be mounted vertical or horizontal. Re-zero after installation

Ordering information

Example part number: CONSTR25WBD



[1]	
Model	
CONST	Construction Kit

[2]	
Model	
R25WB	±0.25" WC
0R5WB	±0.5" WC
001WB	±1" WC
003WB	0-3" WC
050LB	±50 Pa
100LB	±100 Pa
250LB	±250 Pa
750LD	0-750 Pa

[3]	
Desc.	
D	±0.5% FS



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