

SALTER LABS®

Salter Labs®
PRO₂ check Elite®
*A Multifunction Oxygen
 Concentrator Indicator*



OXYGEN PERCENTAGE % - FLOW LPM - PRESSURE PSIG ...

With microprocessor logic and ultrasound technology there is no need to carry a tool box full of test equipment to measure concentrator performance or spot check LOX systems. One simple tubing connection and you are ready to go! It comes complete with a carrying case and a 9-volt battery pre-installed.

All in One - a small hand held unit which delivers all three (3) essential validation checks required to assure proper oxygen concentrator performance.

- Oxygen percent of delivered gas
- Output pressure in PSIG or kPa
- Output flow rate in LPM

Minimal Maintenance costs...

- DC powered with a single standard 9-volt battery and a low battery warning display
- NO FUEL CELL to replace ... ever
- Automatic power shutoff after five minutes prolongs battery life
- No special tools required to replace battery and the battery is included!

No Calibration required ...

- Microprocessor factory set electronic calibration
- If calibration or verification is required to meet company or local standards, it can be performed on site in minutes with no special equipment

*The PRO₂ check Elite® wherever oxygen concentrators are used:
 Home, Hospital, Hospice, Assisted Living or Extended Care Facilities*



slc 103

Salter PRO₂ check Elite® a Multifunction Oxygen Concentrator Indicator

This lightweight hand held device is a welcome addition for care providers or repair technicians working with oxygen concentrators. In one small, compact battery operated instrument you have the ability to readily check three vital parameters of a concentrator's function . . . **OXYGEN PERCENTAGE** delivered, **FLOW RATE LPM**, **PRESSURE PSIG** or **kPa***. In the past, these value checks would require three (3) separate instruments plus the time to connect all three instruments to check each parameter separately. Each test instrument requires some defined calibration or test procedure and each with its own adapter/connector to collect data. Additionally if you are using an oxygen analyzer, which incorporates a galvanic fuel cell, you may be replacing the fuel cell on a regular basis. Typically this style analyzer will also require regular recalibrations and may be sensitive to temperature or elevation changes all of which require dedicated time to perform.

The **PRO₂ check Elite®** is a microprocessor driven device with logic designed to simply and accurately indicate delivery *flow in LPM; pressure, in PSIG or kPa*, as well as *oxygen percentage* WITHOUT the need for repeated calibrations. Oxygen analysis is performed using ultrasound, the same technology many concentrator manufacturers incorporate into their units. It is not affected by minor temperature or elevation changes and by using the microprocessor logic can be recalibrated in minutes with two buttons and a USP 99.9% oxygen source. See product manual for detailed instructions. A verification check can be done in 10 seconds with one button. There is no need for additional special test equipment. There is *no fuel cell* to replace. It operates on a standard 9-volt battery and automatically shuts off after (5) five minutes, plus utilizes a LCD liquid crystal display to prolong battery life. When a battery is reaching the end of usefulness a "LO BATT" read out will appear in the display window. No tools are required to replace the battery; simply slide the cover off exchange batteries and you are ready. Annual operational costs are one or possibly two 9-volt batteries, depending on usage.

It comes in a carrying case with a clear plastic face to protect the unit from spills. The switches are a new membrane style, which are a low profile design with no sharp edges to get caught or inadvertently triggered. The case also has a handy belt clip to attach to your belt or lab coat pocket and an adjustable carrying strap if you prefer putting it over-the-shoulder. The battery comes pre-installed and the **PRO₂ check Elite®** is ready to go right out of the box! The **PRO₂ check Elite®** has a 2-year warranty.

* HPA on the display = kPa (kilopascals).

Specifications

Physical data Dimensions: 3.60" W x 5.75" H x 1.29" D (9.14 cm W x 14.61 cm H x 3.28 cm D) Weight: 9 ounces (255.15 grams) Connector: (2) 1/4" anodized aluminum hose barbs Case: Solid color ABS plastic with threaded metal bolt channels	Battery Standard 9-volt
Specifications: Pressure Mode Range: 0 to 25 PSIG (0 to 172 kPa) Resolution: 0.1 PSIG (0.1 up to 99.9 kPa; 1.0 over 100 kPa) Accuracy: ± 1% of Full Scale	Operating Temperature 32° F to 105° F (0° C to 41° C)
Specifications: Flow Mode Range: 0 to 10 LPM Resolution: 0.1 LPM Accuracy: ± .3 LPM Sensor: Ultrasonic	Storage Temperature -29° F to 160° F (-34° C to 71° C)
	Specifications: Concentration Mode Range: 20.9% to 100% Response time: 10 seconds Accuracy: ± 2% Linearity: ± 2% Full Scale

Ordering Information

	Units/cs	Part#
PRO ₂ check Elite® Multifunction Concentrator Indicator Complete in carrying case with belt clip and shoulder strap, 9-volt battery, and connecting tube.	1	PRO2 Elite-1
PRO ₂ check® or PRO ₂ check Elite® Connecting Tube, 2' with female thread grip connector on one end with standard trumpet connector on the opposite end.	1	PRO2-2
Universal Carrying Case, nylon with belt clip and shoulder strap for use with the PRO ₂ check® or PRO ₂ check Elite®	1	PRO2-3