

## **R** The Communicator III

A truly portable, dual input, pressure reading instrument

### Know Exactly When To Change Your Filter Element

Change your filter bag before it's completely dirty, and you're wasting money. Wait too long, and you reduce the efficiency of your system with clogged filters. Using Rosedale's **COMMUNICATOR III**, you'll know exactly when your filter element needs changing.

### Communicate Intelligently

Starting with our standard, high-quality filter housings, we add an electronic indicator that will signal when pressure drop across the filter is too great. This indicates that your filter element is clogged with dirt and requires changing or cleaning.

### Features

- LCD displays upstream, downstream, and pressure drop for any application
- LED warning light when differential pressure reaches 15 psid
- Fully portable, no external power required
- Powered by two long life 9VDC lithium batteries, with 2 to 4 year battery life under normal use AC adapter for continuous read mode
- Measure any medium from 1-1000 psi
- Built-in visual and remote alarm relay that signals when differential pressure reaches threshold limit
- RS-485 serial port
- Easy to calibrate with menu driven yes/no responses



### Options

- Rosedale Communicator III data acquisition software (Windows 95/98)
- RS-485 two or four port serial cards with adapter or 3-foot cable
- 0-100 psi, 0-500 psi or 0-1000 psi pressure sensors
- Differential pressure can be changed at time of order for special requirements. 15 psid is recommended for bag filter applications



## How To Order

If ordering for retrofit, use model code as is.

If ordering in conjunction with a housing, add the model code to the end of the housing's model code.

## Level 3

Example:

L3 T

**Level 3 Communicator, pressure/differential pressure monitor/transmitter = L3**

**Transmitter**

With 4-20mA transmitter = **T**

Without transmitter = **No symbol**