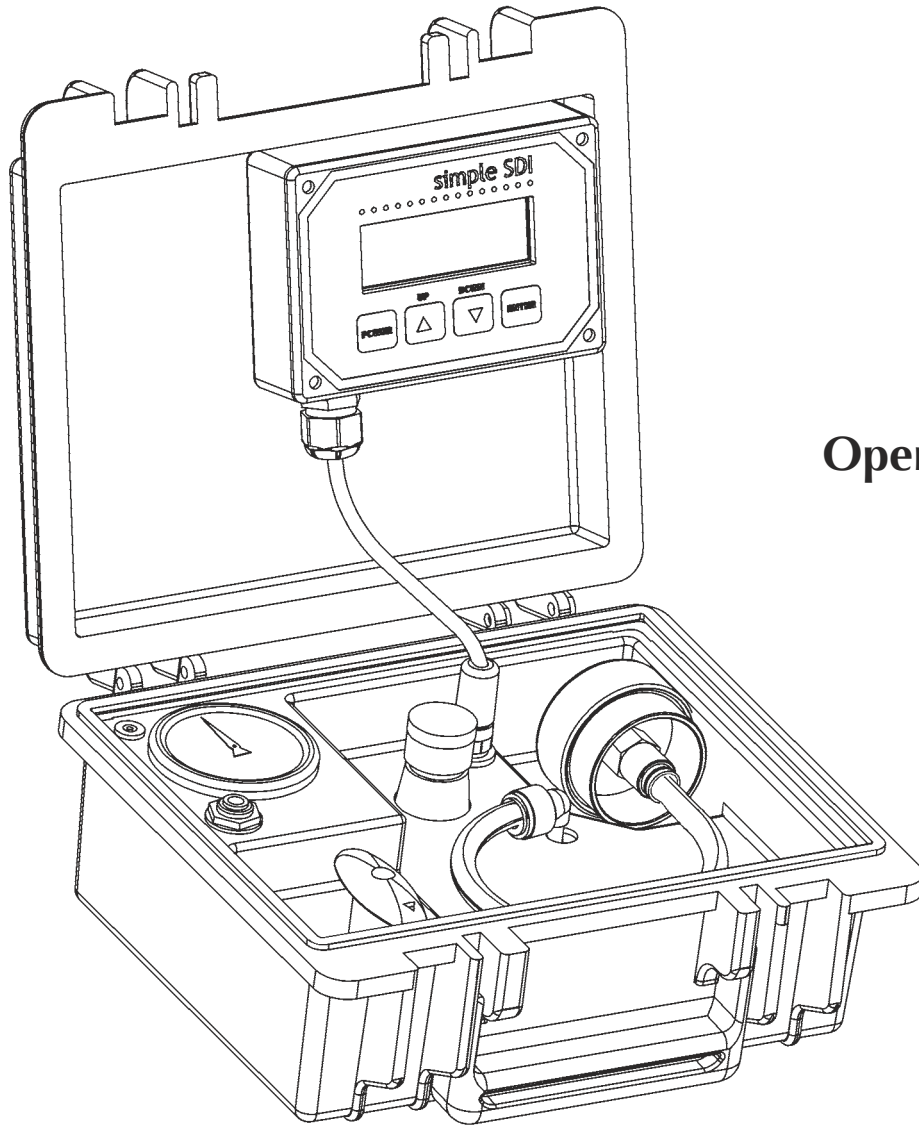


simple SDI:auto



Operators Manual

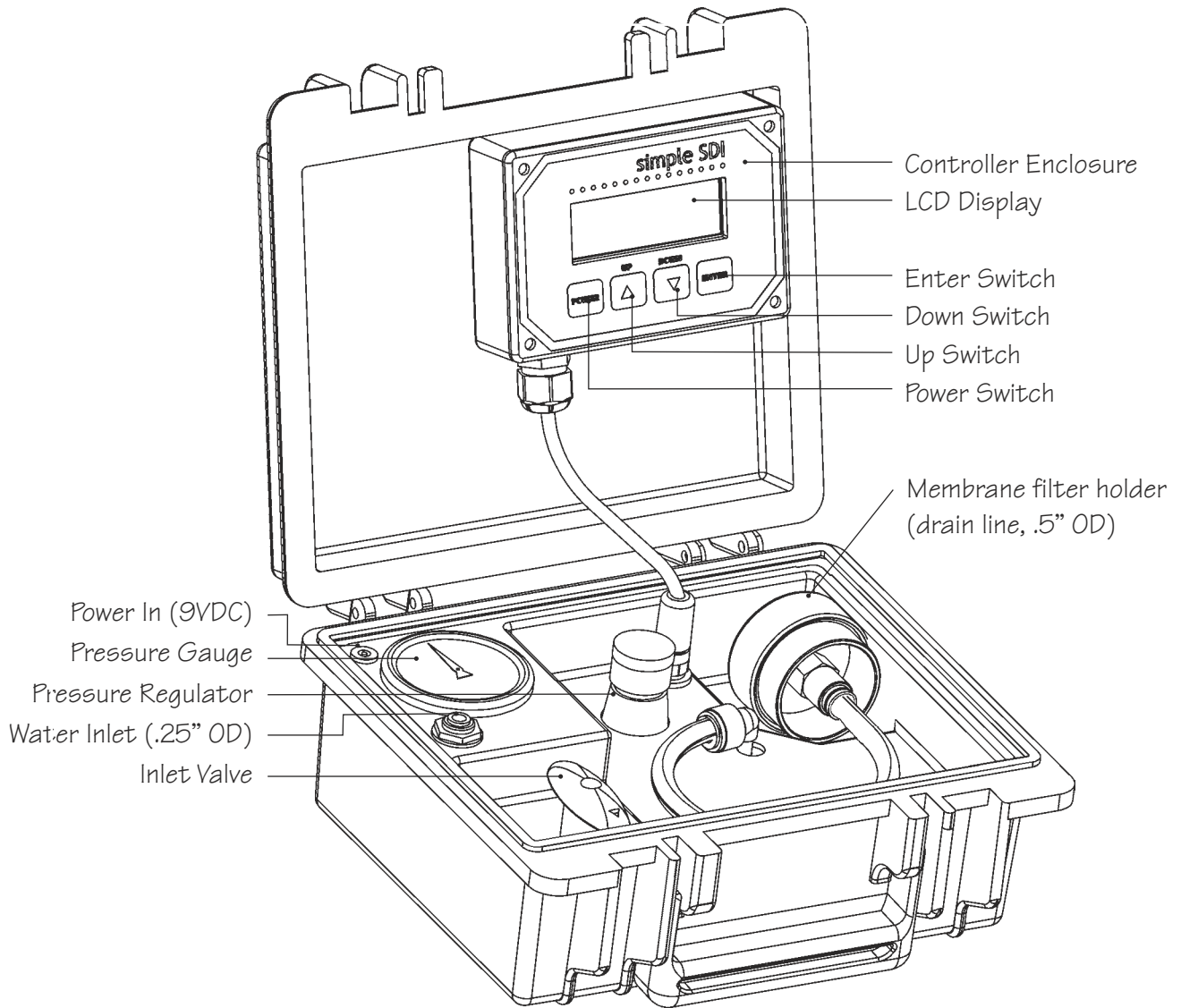
Revised July, 2004

Manufactured by:

SDI Solutions

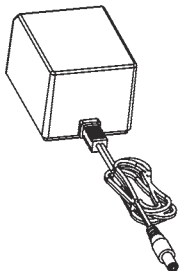
A division of Procam Controls, Inc.
2605 Technology Drive #300 Plano, TX 75074
PH 972-422-1212 FAX 972-422-6262
email: sdisolutions@filterxpress.com

Getting to know simple SDI:auto Overview

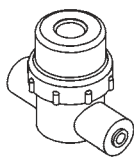


Included with simple SDI:auto

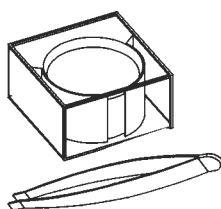
Power Supply-
Battery Charger



Prefilter
(50 micron)

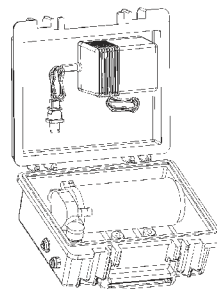


Membrane Filters
(100) & Tweezers

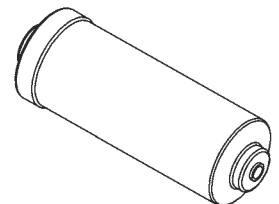


Optional Components

Booster Pump
Assembly



Prefilter
(5 micron)



simple SDI:auto Specifications

| | | | |
|-------------------|-------------|------------|---------|
| Dimensions | Inch (mm) | | |
| | Wide | Deep | High |
| | 10.75 (273) | 9.75 (248) | 5 (127) |

Weight 5 pounds, (2.3kg)

Electrical

| | |
|--------------------------|---------------------------------------|
| Battery Type: | 6 Volt, 1.3 AH Sealed Lead Acid (SLA) |
| Battery Life: | At least 5 years of typical usage. |
| Battery Capacity: | Approximately 13 hours of testing. |
| Power Supply: | 110VAC-9VDC 500 ma (U.S.) |
| | 220VAC-9VDC 500 ma (Int'l) |

Sample Water Requirements

| | |
|--------------------------|---|
| Feed Pressure | 35 psi minimum, 100 psi maximum. |
| Minimum flow rate | 1.4 Liters per minute at 35 psi at start of test. Flow decreases during test. |
| Temperature | 100°F maximum. (max 1°F variation during test) |
| Solids | Free of large solids. Filter to 50 micron minimum. |

Tests Performed

| | |
|-------------------------|----------------------------------|
| SDI₅ | 100 ml and 500 ml sample volumes |
| SDI₁₀ | 100 ml and 500 ml sample volumes |
| SDI₁₅ | 100 ml and 500 ml sample volumes |