

## NITROGEN-PAC ACCESSORIES

### N<sub>2</sub> PURITY ANALYZER – HAND-HELD MODEL NA-3

#### Description

The **UNITED Fire Systems Model NA-3** is a device designed to permit manual monitoring of the percent nitrogen at either a **NITROGEN-PAC™** purge vent assembly or at the system's nitrogen generator assembly. Occasional monitoring at the nitrogen generator assembly provides assurance that the device is performing as intended. Monitoring at the system's purge vent assemblies provides assurance that 98% nitrogen is present, and air has been expelled from the sprinkler system. The **Model NA-3** analyzer is hand-held, battery operated, and contains a large, 3-digit display directly reading the percent nitrogen when attached to a sampling point. The analyzer is equipped with a length of flexible tubing and the male portion of a quick-connect, compatible with both the sampling point on the nitrogen generator assembly and on the purge vent assemblies.

#### Technical Data

- Measurement Range = 0-99.9% nitrogen
- Resolution = 0.1% nitrogen
- Accuracy = ±1%
- Operating Temperature Range = 59°F to 104°F (15°C to 40°C)
- Storage Temperature Range = 5°F to 122°F (-15°C to 50°C)
- Warm-up Time = None required
- Response Time = 90% of final value in approx. 15 sec. @ 73°F (23°C)
- Humidity Operating Range = 0 to 95% (non-condensing)
- Battery Type = Qty. (2) AA alkaline batteries
- Expected Battery Life = 5,000+ hours
- Predicted Sensor Life = 2 years (approx.)
- Weight = Approx. 3 ounces (85 grams)
- For use with:
  - All **NITROGEN-PAC™** nitrogen generator assemblies equipped with female nitrogen sampling ports
  - **Model PVA-4** purge vent assemblies



#### Ordering Information

- **Model NA-3**

#### UNITED Fire Systems

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