

# 3-037-R002

## SF<sub>6</sub> Moisture Measuring Device



The 3-037-R002 moisture measuring device was designed from the ground up, to be used on arced SF<sub>6</sub>. Unlike conventional multi-gas hygrometers, the 3-037 is specifically calibrated for the unique characteristics (i.e. densities, molecular weights, and acidity) of faulted SF<sub>6</sub>. Not only is the device consistently more accurate and reliable, but the typical long-term drift (and subsequent need for factory recalibration) associated with non gas-specific devices is all but eliminated.

The exclusive DILO sensor measures SF<sub>6</sub> at atmospheric pressure which removes pressure and temperature variables from moisture readings. Additionally, the electronic flow meter not only reduces the sample to a trickle, but the orientation of the device is no longer relevant – making the 3-037 far more suitable for on-site testing. All readings are displayed in parts per million by volume (PPM<sub>v</sub>).

### **Key features:**

- Moisture measuring device with digital display
- 2 precision regulation valves
- Electronic flow meter
- Powered by AC or NiMH batteries (internal charger)
- 2 meter long connecting hose with couplings DN 8 and DN 20
- Rugged case with handle
- 2 meter long power cable (for AC use)
- Aluminum carrying case
- 2 operating instructions in: German, English, and/or French



### **Technical data:**

|                        |   |
|------------------------|---|
| Measuring range:       | 41 PPM <sub>v</sub> – 10,000 PPM <sub>v</sub> |
| Measuring accuracy:    | ±2°C (±4°F)                                   |
| Max. input pressure:   | pe10 bar (145 PSIG)                           |
| Operating temperature: | 0-40°C (32°F - +104°F)                        |
| Operating voltage:     | 100 – 240V, 50/60 Hz                          |
| Flow rate:             | 1 liter of SF <sub>6</sub> /min               |

### **Dimensions:**

|         |             |
|---------|-------------|
| Width:  | 10 inches   |
| Height: | 5.1 inches  |
| Depth:  | 13.6 inches |
| Weight: | 6.2 pounds  |

\* Accessories are available upon request