

Nasal Ranger® Field Olfactometer Technical Specifications

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| Detection Technique: | Human Nose |
| Discrete Dilution Ratios: | 2, 4, 7, 15, 30, 60 D/T's (Standard Dilution-to-Threshold Ratios) |
| Response Time: | As fast as 3-seconds (2 inhalations) |
| Accuracy: | +/- 10% of D/T |
| Repeatability: | +/- 2% |
| Inhalation Rate: | 16-20 liters per minute |
| Operating Temperature Range: | 32° to 104°F, 0° to 40°C |
| Power Requirements: | Standard 9-Volt Alkaline Battery |
| Dimensions: | 14”(L) x 7.5”(H) x 4”(W) (35.5 x 19 x 10 cm) |
| Weight: | 2.0 lbs (0.91 kg) |
| Materials of Construction: | PTFE and Polymer Alloys |
| Odor Filter Cartridge: | 3.5” diameter x 1.5” (H) (8.9 cm diameter x 7 cm) |
| Nasal Mask: | 2.75” (H) x 2.25” (W) (7 cm x 5.7 cm) |
| Patent: | U.S. Patent No.: 6,595,037 |
| Calibration Verification: | Recommended Annually |
| EMC Verification: | Emissions: EN 61326: 1997, Class B Immunity: EN 61326:1997, Industrial Location |
| Markings: | 89/336/EEC (EMC) 92/59/EEC (General Product Safety) |

