



# AccuTrak

## VPE-1000

### AccuTrak VPE-1000 Specifications

#### Mechanical:

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Shape:            | Parallelepiped                                      |
| Dimensions: (LWD) | 7.075" (17.97cm) X 2.4" (61mm) X .875" (22.22mm)    |
| Overall Length:   | 8.185" (20.78cm)                                    |
| Body Materials:   | Aluminum and ABS                                    |
| Body Finish:      | Anodized, Gold (MIL-A-8625 Type3 Class2), Black ABS |
| Connector:        | 3.5mm Stereo                                        |
| Top Label:        | Velvet Lexan, Back Printed                          |
| Weight:           | 0.5lb (233gr) Includes Battery                      |

#### Electrical:

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Airborne Sensor Sensitivity:     | -80db/V-μbar                                                                                                                        |
| Detection Performance*:          | 5mil ID @ 5PSI From 50'                                                                                                             |
| (Conditions):                    | (60db Ambient Sound Level-No In-band Sound)                                                                                         |
| Ultrasound Converter types:      | Digitally Controlled Heterodyne                                                                                                     |
| Frequency response, AirBorne:    | 34kHz-42kHz                                                                                                                         |
| Frequency response, Touch Probe: | 16kHz-24kHz                                                                                                                         |
| Heterodyne Oscillator:           | Digital                                                                                                                             |
| Heterodyne Filter:               | 4kHz                                                                                                                                |
| Controls                         | 4 Buttons                                                                                                                           |
| Digital Sensitivity Control:     | 256 Steps                                                                                                                           |
| Digital Volume Control:          | 256 Steps AUDIO ZOOM                                                                                                                |
| Output, Audio:                   | 0Hz to 4kHz                                                                                                                         |
| Output, Visual:                  | 20 Element Bar Graph with PEAK-Hold and<br>Separate Alphanumeric Digital Display allowing<br>simultaneous readings and comparisons. |
| Signal Output:                   | Heterodyne                                                                                                                          |
| ON Indicator:                    | Digital Display                                                                                                                     |
| Low Battery Indicator:           | Digital Display, BATT                                                                                                               |
| Insufficient Battery Charge:     | Automatic Shut-Down                                                                                                                 |
| Battery Type:                    | 9 Volt                                                                                                                              |
| Run Time:                        | 55-80 hrs                                                                                                                           |