

## 137 High Altitude Environmental Hygrometer (Aircraft Mount)

**APPLICATION:** The Edgetech Instruments **Model 137 Vigilant** Aircraft Hygrometer is a rugged, shock mounted, military qualified instrument used for the measurement of dew point in flight or in installations with existing flow, such as wind tunnels. Users include NASA, Navy Hurricane chaser aircraft, Airforce and private industry that conduct atmospheric studies, cloud formation, aerosol and droplet formation.

**DESCRIPTION:** *the Model 137* Vigilant Aircraft Hygrometer control unit comes complete with the A3 Three Stage (65°C Depression) Miniature Chilled Mirror Probe Sensor Assembly (Gold Mirror), 15 ft. of sensor interconnecting cable, shock mount, 0-5 VDC dew point output, scaled to -50°C to +50°C (other output options are available, consult factory) instruction manual and 1-year warranty. The air sampling fixture is designed to extract atmospheric sample from outside the aircraft and prevents water condensation during extraction. Includes display, Serial/ Analog outputs of dew point

**\*\*\*Must Select Sensor Mounting: Right or Left Side**


**137- A3 -**


SENSOR MOUNTING

**\$ 13,662.00 Base Price includes analyzer, sensor and cable**

### Sensor Mounting Configuration(s): (required)

-AS/L	Aircraft Sampling System. Left Side from Pilots perspective	\$ 2,057.00
-AS/R	Aircraft Sampling System. Right Side from Pilots perspective	\$ 2,057.00

### Accessories/ Spare Parts:

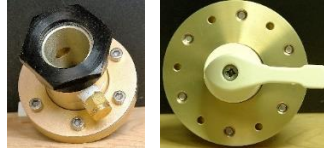
<b>CBL</b>	Additional Sensor Cable over 15ft.	\$ 22.00/FT
<b>MPR</b>	Machining Probe Right (This is the sample intake port mounted on aircraft outside skin)	\$ 715.00
<b>MPL</b>	Machining Probe Left (This is the sample intake port mounted on aircraft outside skin)	\$ 715.00
<b>Model 137</b>	Spare Analyzer w/ cable	\$ 6,237.00
<b>A3</b>	Spare Sensor Assembly, Miniature Probe: Three Stage (65°C Depression)	\$ 7,425.00
<b>CASE1630</b>	Foam lined transportation case used to protect instrumentation during shipping	\$ 650.00
<b>SERIALDAQ</b>	Captures serial output (TXT) to USB Memory Stick	\$ 350.00
<b>VMK</b>	Vibration Mounting Kit: Spare Bottom Tray w/ Vibration Mounts connects to 137 mount	\$ 425.00

### Extended Warranty/Calibration Options: Please list as separate line items:

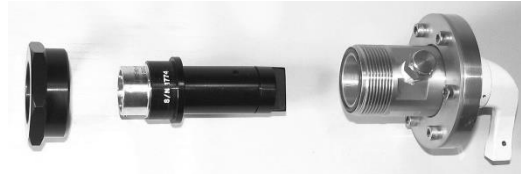
<b>3EXTW</b>	3 Year Extended Warranty includes repairs covered in the warranty statement	10% of TOTAL PRICE
<b>3YNIST1P</b>	3 NIST Traceable Calibrations for the price of 2 (1 Parameter)	\$ 1,210.00



**Machining Probe**



**Aircraft Sampling System**



**CASE 1630**



**SERIAL DAQ**

