


# ETHOS 4460 SPECIFICATION

The meter should be recalibrated under the condition of 18°C ~ 28°C, relative humidity <75% every year.

|                                      |   |
|--------------------------------------|---|
| Work height                          | Maximum 2000m   |
| Work mode                            | Frequency of wind speed conversion  |
| Display                              | LCD   |
| Maximum show value                   | 9999  |
| Sampling time                        | About 0.4s/time.  |
| Low battery indicator                |  sign displays on LCD    |
| Work power                           | 1×9V 6F22 battery   |
| Operation environment                | Relative humidity 0~85%RH, no moisture condensation<br>Temperature 0°C~40°C, no moisture condensation     |
| Detector (fan) operation environment | Relative humidity 0~95%RH, no moisture condensation.<br>Temperature -20°C~80°C, no moisture condensation. |
| Storage environment                  | Relative humidity 0~80%RH, no moisture condensation<br>Temperature -10°C~50°C, no moisture condensation   |
| Dimension                            | Meter 165LX85 WX38Hmm   |
| Weight                               | About 200g  |
| Detector (fan) operation environment | Relative humidity 0~95%RH, no moisture condensation.<br>Temperature -20°C~80°C, no moisture condensation. |

**ETHOS**  
**Test Instruments**

Distributed by MTi

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## Technique Data

Ambient temperature:  $23\pm 5^{\circ}\text{C}$ , Relative humidity:  $<75\%$

### 3.2.1 m/s

| Measuring range   | Resolution | Accuracy                             |
|-------------------|------------|--------------------------------------|
| 0.80 ~ 30.00 m/s  | 0.01 m/s   | $\pm(2.0\%$ reading + 50 characters) |
| 30.00 ~ 40.00 m/s |            | For reference only                   |

### 3.2.2 km/h

| Measuring range    | Resolution | Accuracy                             |
|--------------------|------------|--------------------------------------|
| 1.40~108.00 km/h   | 0.01km/h   | $\pm(2.0\%$ reading + 50 characters) |
| 108.0 ~ 144.0 km/h |            | For reference only                   |

### 3.2.3 ft/s

| Measuring range     | Resolution | Accuracy                             |
|---------------------|------------|--------------------------------------|
| 1.30 ~ 98.50 ft/s   | 0.01 ft/s  | $\pm(2.0\%$ reading + 50 characters) |
| 98.50 ~ 131.20 ft/s |            | For reference only                   |

### 3.2.4 knots

| Measuring range    | Resolution | Accuracy                             |
|--------------------|------------|--------------------------------------|
| 0.80 ~ 58.30 knots | 0.01 knots | $\pm(2.0\%$ reading + 50 characters) |
| 58.30~77.70 knots  |            | For reference only                   |

### 3.2.5 mil/h

| Measuring range    | Resolution | Accuracy                            |
|--------------------|------------|-------------------------------------|
| 0.90 ~ 67.20 mil/h | 0.01mil/h  | $\pm(2.0\%$ reading + 5 characters) |
| 67.20~90.00 mil/h  |            | For reference only                  |

### 3.2.6 ft/m

| Measuring range  | Resolution | Accuracy                            |
|------------------|------------|-------------------------------------|
| 78 ~ 5900 ft/m   | 1ft/m      | $\pm(2.0\%$ reading + 5 characters) |
| 5900 ~ 7874 ft/m |            | For reference only                  |

### 3.2.7 Air Volume Unit

|     |          |                                  |
|-----|----------|----------------------------------|
| CFM | 0- 99990 | (Area) 0 - 9.999 ft <sup>2</sup> |
| CMM | 0- 99990 | (Area) 0 - 9.999 m <sup>2</sup>  |
| CMS | 0 - 9999 | (Area) 0 - 9.999 m <sup>2</sup>  |

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