

# Air speed measuring instrument

## LGM 1



### LGM 1 – complete

This digital display air speed measuring instrument with microprocessor is designed for connection to vane probes. LCD with automatic battery check. The units can be switched from 0.01 m/s to 1 ft/min. The measuring period can be set for either 2 or 16 seconds. The current and mean values can be displayed for both measuring periods. The minimum and maximum values are stored.

The unit is available with 2 different vane probes:

Ø 70 mm – 0.20 to 40 m/s,  
Ø 25 mm – 0.30 to 35 m/s.

### Technical specifications

#### Measuring ranges:

Probe 70: 0.20/40.00 m/s  
(35/7,300 ft/min)

Probe 25: 0.30/35.00 m/s  
(55/6,400 ft/min)

#### Accuracy of measurement:

Probe 70: ±0.5 % of measured value  
Probe 25: ±1.0 % of measured value  
±1 digit



Vane probe 70



Vane probe 25

**Resolution:** 0.01 m/s or 1 ft/min

**Display:** 13 mm LCD display

**Permissible operating temperature**

Instrument: 0/+50 °C

Measuring probes -30 °C/+100 °C

#### Supply voltage

Battery 9 V IEC

6 LR 61

**Battery life:** Approx. 40 hours

**Battery check:** Automatic

**Dimensions (W x H x D)**

Instrument: 60 x 125 x 36 mm

Probe 70: Ø 70 mm

Probe 25: Ø 25 mm

#### Scope of delivery

Instrument, vane probe 25 or 70  
(please specify required vane probe  
when ordering), extension rod, con-  
nection cable and case.



DG: H	Part no.	Price €
<b>Air speed measuring instrument LGM 1</b> (with one vane probe)	<b>69900</b>	
<b>Spare parts and individual parts</b>		
<b>Vane probe 25</b>	<b>69905</b>	
<b>Vane probe 70</b>	<b>69906</b>	
<b>Kit of accessories</b>	<b>69907</b>	