400-CBME40/80 Cloud Ceilometer

A built-in test system indicates failures in the event of a malfunction. The electronics are located in two easily replaceable subunits, i.e. a power supply module and printed circuit board. The subunits, as well as the laser diode which is placed on the printed circuit board, can be replaced by spare parts without adjustments or recalibration.

Specifications

Range: 30-12,500 feet and 30-25,000 feet  
Resolution: 20 feet  
Accuracy: 20 feet or 2%, whichever is greater  
Measuring interval: Selected ranges  
Outputs: RS232C, V.23 alt. V.21, Bell 103 alt. Bell 212  
Output data: Cloud height (multiple bases)  
Monitoring data  
Back scatter signal profile  
Operating temperature: -40° to +50°C  
Power supply: 120/230V, 50 Hz, 25 VA, 200 VA (heater)  
Color: White  
Weight: 14 kg without stand  
Laser safety: Class 1 laser product SSIFS 1980:2 (SS-EN60825)

Options

Mobile version with local display  
Stand for permanent installation  
12 Vdc (not connected to heater)  
Green color

Accessories

Graphic program with storing functions, for IBM-PC (DOS 5)  
Display unit, chart recorder  
Demodulator V.23 - RS232

Ordering Information

400-CBME40  Cloud Ceilometer, 12,500 feet detection  
Specify 110Vac or 220Vac operation  
Specify RS232 or FSK output

400-CBME80  Cloud Ceilometer, 25,000 feet detection  
Specify 110Vac or 220Vac operation  
Specify RS232 or FSK output

400-CHI-BE  Digital Display  
400-CHI-BL  Blower Option  
400-CHI-DM  FSK Modem  
400-CHI-S  Support Stand  
400-CHI-SS  Sun Shutter  
400-CHI-SW  Display Software, for Windows