



SR10-P

Portable Upper-Air Sounding System


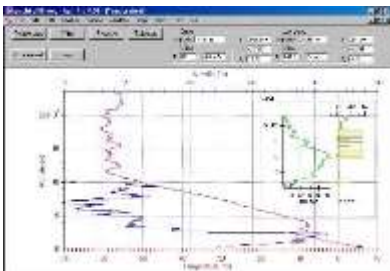





Main function of the new SR10 upper-air radiosounding system consists in collecting P,T,U, and wind finding data measured and transmitted from a radiosonde during its flight through upper atmosphere layers

Main features

- ✎ Transport case for the system
- ✎ Transport bags for antennas and tripod
- ✎ Easily transportable for field operation
- ✎ SR10 Receiver (12V) can be powered from cigarette-lighter or main (110-220V). A 24V version is also available
- ✎ Digital processing of raw data
- ✎ Reference GPS station for differential calculation
- ✎ Data archiving on hard disk or any digital support
- ✎ Real time Data display Listing and/or graphical
- ✎ Automatic frequency setting through infrared communication link
- ✎ GPS repeater for indoor initialization
- ✎ Ground check system for pre-launch calibration of T and U sensors
- ✎ Edition of WMO code messages (Temp, pilot, BUFR, Climat-temp...)
- ✎ Data transmission through an Ethernet network
- ✎ Auto-tests with diagnostic display for easy maintenance
- ✎ PC laptop running Windows OS



SR10-P UPPER-AIR SONDING SYSTEM DIAGRAM

 <p>IR2010 Data processing software</p>	 <p>ICAR module Sounding analysis and Edition of WMO code msg...</p>	 <p>GPS Antenna + cable</p>
 <p>Complete PC workstation (laptop) Running Windows OS</p>	 <p>SR10 Receiver</p>	 <p>400 MHz Antenna + cable</p>
 <p>Ground Check with built in GPS repeater and Infrared communication link</p>	<p>User's manual Installation & Maintenance manual</p>	

SR10 TECHNICAL SPECIFICATIONS

GENERAL

Dimensions	: Receiver: W:150 mm – D:185 mm – H:65 mm
Weight	: 1.3 kg
Power	: 12V (24V version is also available)
Consumption	: 10 W max
Links	: USB to PC
Sonde prog. interface	: Cable with connector
GPS receiver	: 12 channels
Workstation	: Desktop or Laptop PC

TELEMETRY

Receiver	: 400–406 MHz digital synthesizer
Range	: >350 Km
Modulation	: PSK



MODEM
Meteomodem.com

