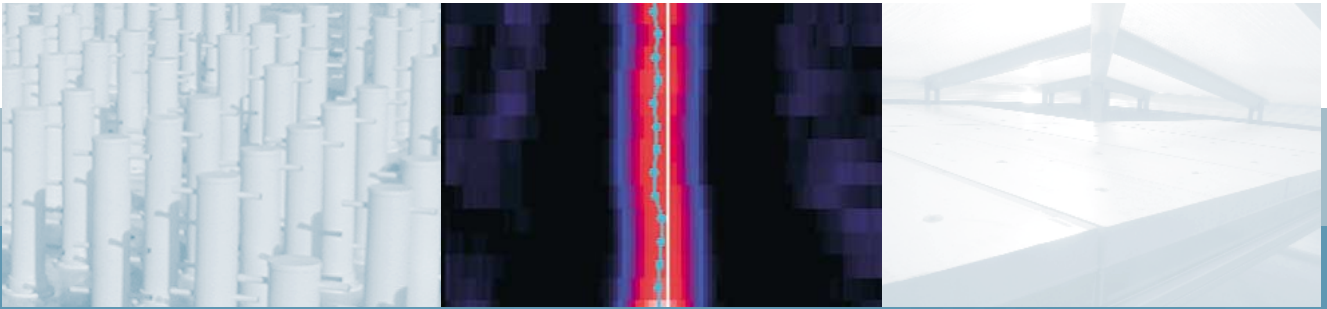


Product Summary
Ask for detailed Product Information

Radar Wind Profilers



**A New Standard in Technology,
Performance and Design**

AP10

AP100

AP1000

AP50

AP500

AP5000

Product Summary

AP Series Radar Wind Profilers

The AP Series Radar Wind Profilers offer superior technology for remote and accurate wind measurements in meteorology, aviation, pollution control and defence.

Radar wind profilers analyse the frequency and amplitude of electromagnetic pulses which are reflected from the atmosphere. Besides wind speed and direction, turbulence characteristics and information about the atmospheric structure are derived.

The AP Series consists of two lines: The models AP10, AP100 and AP1000 offer a cost effective solution for measurements in the lower atmosphere. The operation frequency is 1290 MHz. RASS extensions are

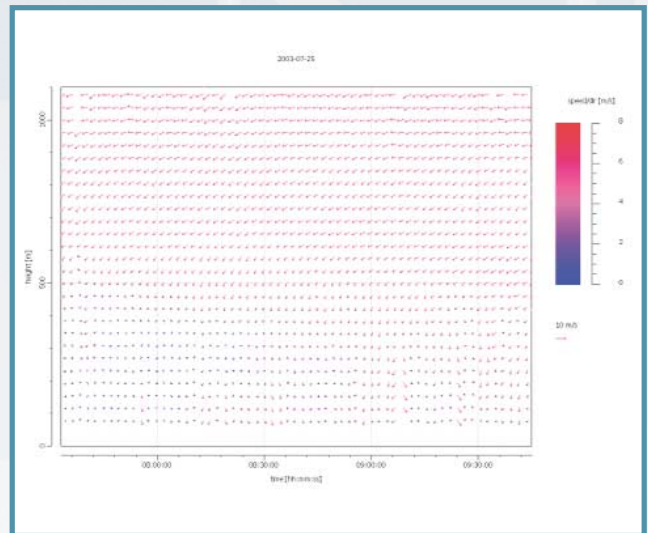
available for enhanced wind measurements to satisfy requirements of very high data availability, for example on airports. The models AP50, AP500 and AP5000 operate at frequencies of 449 MHz, 482 MHz or 915 MHz. They have fully steerable beams for improved data quality, in particular in the presence of non-atmospheric reflections such as towers or aerostats. The possible height range extends from less than 100 m to more than 16 km.

The AP Series Radar Wind Profilers make use of the most recent technological developments: high density phased array antennas, fully digital IF processing, advanced profile recognition and clutter removal techniques.



A variety of solutions is offered with the AP Series Radar Wind Profilers to match your measurement needs.

Please contact us for the complete AP Series Product Information.



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