

Atmospheric Systems Corp.
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MODEL 4000

Maximum Height	200 meters
Minimum Height	20 meters
Height Resolution	5 meters
Frequency	4500 Hz
Averaging & Reporting Interval	User Selectable
Wind Speed Range	0 to 45 m/s
Wind Speed Accuracy	< 0.5 m/s (WS > 2 m/s)
Wind Direction Accuracy	± 5 degrees (WS > 2 m/s)



MODEL
4000

MODEL 3000

Maximum Height	400 meters
Minimum Height	30 meters
Height Resolution	10 meters
Frequency	2800-3000 Hz
Averaging & Reporting Interval	User Selectable
Wind Speed Range	0 to 35 m/s
Wind Speed Accuracy	< 0.5 m/s (10min or longer averages)
Wind Direction Accuracy	± 5 degrees (10min or longer averages)



MODEL
3000

Atmospheric Systems Corporation

MODEL 2000

Maximum Height	750 meters
Minimum Height	50 meters
Height Resolution	10 meters
Frequency	1400-2500 Hz
Averaging & Reporting Interval	1 to 60 minutes (selectable)
Wind Speed Range	0 to 35 m/s
Wind Speed Accuracy	< 0.5 m/s (10min or longer averages)
Wind Direction Accuracy	± 5 degrees (10min or longer averages)



MODEL
2000



COMPANY

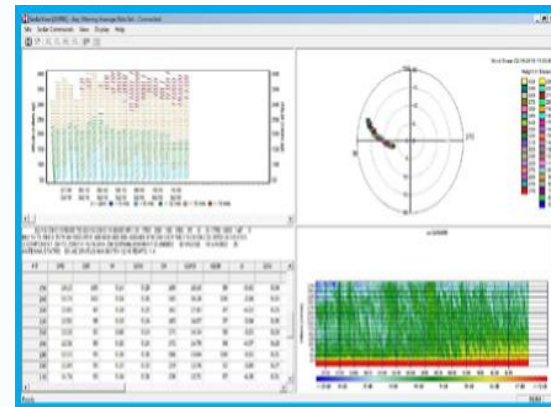


Atmospheric Systems Corporation (ASC) is a world leader in remote sensing. ASC offers a wide variety of remote sensing products to address your wind measurement needs. ASC also incorporates a network of international distributors to ensure robust user support.

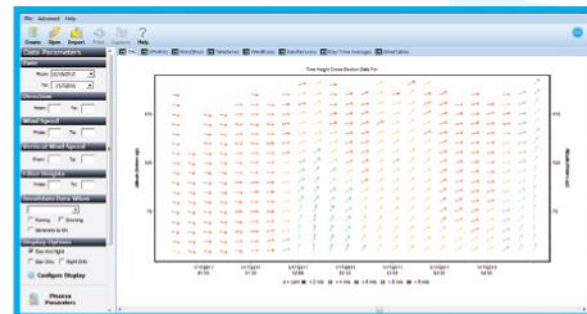


SOFTWARE

SodarView is a real-time interface that allows users to monitor and control their ASC SODAR. Additionally, SodarView allows users to analyze background spectra and adjust the system frequency to help prevent data from being corrupted.

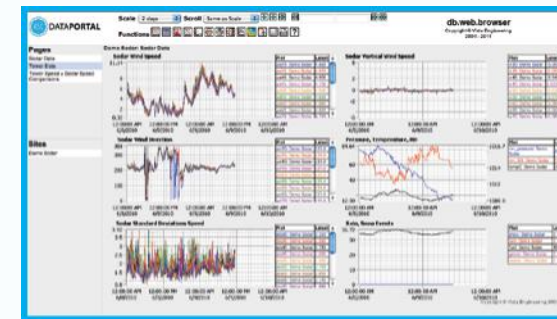


PADS provides users a quick and easy method of importing their ASC SODAR data for analysis. PADS has an easy to use interface that allows users to quickly filter and analyze data.



SERVICE

DataPortal is the most advanced web monitoring tool, allowing users to see data from their SODAR streamed to an easy to access web portal. Additionally, DataPortal can be configured to import data from other instruments such as dataloggers, LiDARs, and more to create a one-stop shop for users to easily monitor all of their systems and track data with the same tool at the same time.



FIELD SERVICES

- Commissioning
- Decommissioning
- Onsite Maintenance
- Onsite Repair



APPLICATIONS

Wind Energy Development
ASC SODARs are an ideal fit for any development campaign. Recent studies have shown that adding a SODAR to a met campaign can provide more value to development than the cost of the unit.

Wind Energy Forecasting
ASC SODARs are the only remote sensors that should be employed in your forecasting analysis. ASC SODARs have the unmatched ability to display real-time atmospheric structure. These displays can show winds mixing downward as inversions break up and even small scale fluctuations like K-waves that can be a telltale sign of an upcoming ramp event.

Airports
ASC SoDARs have been utilized at airports for decades. They have been used for tracking lower level wind shear, wake vortices, and microbursts.



Air Quality
Understanding downstream impacts of emissions is essential for waste management. ASC SODARs give users the ability to monitor winds and determine the impact of power plants, waste facilities, and more.

Wild Fires
The toughest part of fighting a fire is understanding the wind. ASC SODARs are rapidly deployable and provide critical real-time information about the wind.