

WeatherPak[®] 400

Portable and compact weather station



Coastal Environmental Systems (CES) of Seattle, USA is the most recent addition to the list of companies that Biral now represent in the UK.

With over 20 years of experience in the field of compact, rugged and reliable weather stations for fire fighting, civil defence and military applications, CES have continuously improved and refined their WeatherPak[®] range of products to the best performance levels available.

The WeatherPak[®] 400 is a self-contained, fully sealed unit measuring 75 cm high by 15 cm diameter. Due to the excellent design and build quality it can be fully decontaminated after biological or chemical incidents without compromising the exceptional measurement accuracy.

The WeatherPak[®] measures the wind speed and direction, temperature, humidity, barometric pressure every second and gives 5 minute averaged values for the wind and temperature. It also measures the stability class.

The unit comes with a built-in compass to ensure that the wind speed and direction information is correct without any user interaction no matter what the orientation of the station.

The WeatherPak[®] has no moving parts and can be mounted directly to a building, vehicle roof, boom or portable tripod. It can be deployed in less than a minute by a single person even when wearing protective clothing.

The system includes a compact digital LCD display that can portray the data without the need for a computer. However, for plume modelling, data visualisation and archiving it can be connected to a PC or laptop. Several WeatherPak[®] stations can be used together to create a network.

Remote data transmission and integrated global positioning information are available as options. The remote data transmission uses a wireless radio and allows the user to set up the WeatherPak[®] in one location and then move to a safer location up to 10 km away (providing there is a line of sight between the two units). As the wireless transmitter is inside the housing only a 2 cm non-obtrusive antenna extrudes outside the housing allowing the unit to be used on vehicles without causing snagging or other extrusion issues. The Global Positioning System (GPS) option is also mounted internally. Where GPS data is used in conjunction with plume modelling software, the model created will be updated without any manual input.

For more information or a product demonstration please contact Biral.

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**Affordable, professional
compact weather
stations designed for
a wide variety of
applications**