

METEOROLOGICAL STATION TYPE 574



The Meteorological Station Type 574 contains a precision solid-state anemometer, which measures wind speed and works in unison with an accurate electronic compass to provide wind direction readings. The unit is equipped with GPS, outputting positional and precision time data. The 574 also measures ground temperature, air temperature (2metres above ground), light level and barometric air pressure.

All meteorological data can be fed back to the central range computer for each shot during a trial, allowing a detailed record to be built of weather conditions for each firing event.

The 574 can connect to the range computer via cable link, or by radio using the Transceiver Type 573, allowing the unit to be placed almost anywhere on the range within 2 kilometers (line of sight).

In a typical setup, one station is placed at the firing point and another alongside the target area. Meteorological data is then tallied with shot data from an automatic target e.g. a type 570. This setup helps the user to determine if a rogue shot is due to gusting winds.

SPECIFICATION

Barometric Pressure Range	800 to 1100mBar +/- 0.2%
Humidity Range	0-100% RH +/- 2%
Temperature Range	-40 deg C to +60 deg C
Brightness Range	0 to 100,000 Lux +/- 5%
Anemometer Sensor	3 Axis Ultrasonic Meteorological
Windspeed Range	0 to 70 m/s (0 to 156 mph) +/- 1.5% rms
Wind Direction	0 to 359 deg with resolution of 1deg
<i>Derived Data</i>	
Wind Chill	
Dew Point	