

# Pocketwind IV Delta T



The LECHLER POCKETWIND IV with wind-speed, humidity, temperature, inbuilt electronic compass and Delta T, provides comprehensive environmental measurements for use in agriculture, forestry and emergency services. With the simplicity of scrolling through the various displayed parameters guarantees you are always reading the required measurements.

LECHLER are world leaders in the manufacturing of high quality crop protection and industrial nozzles since 1879, located in Germany they now brings us the perfect weather meter. Ideally suited for the harsh environments of agriculture, forestry and emergency services.

The POCKETWIND IV has extremely accurate measurements parameters and self calibrating humidity sensor, ensures you will always have fast accuracy readings at a press of a button as well as being simple to use, and very reliable.



## MEASURED DATA

- Delta T
- Humidity
- Temperature - dry bulb
  - selectable units of temperature: °C, °F
- Wind Chill
- Wet Bulb temperature
- Dew Point
- Comfort Index
- Digital Compass
  - directions in degrees and compass point
- Wind Speed
  - current, average and maximum
  - wind direction, in degrees and compass point
  - cross, head or tail wind
  - integrated wind vane
  - selectable units of measure: m/s, km/h, fpm, mph, kn, bft.

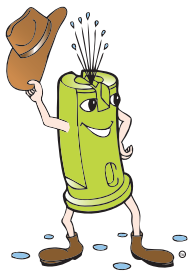
MEASUREMENT	RANGE	ACCURACY
Windspeed	0.4 - 40m/s 1.4 - 140km/h	+/- 3%
Temperature Wind Chill	-20° - 60°C	+/- 1°C
Digital Compass	0° - 360°	+/- 2°C
Relative Humidity	0 - 100% RH	+/- 3%
Wet Bulb, Dew Point	-45° - 125°C & 0 - 100% RH	+/- 2°C



## FEATURES

- Self calibrating humidity sensor
- Wind vane - assures you are on the wind's axis
- Backlit display
- Water resistant and shock proof housing
- Neck lanyard
- Tripod mountable
- Case meets U.S. military specifications
- Cover to protect against damage and dirt
- CE certified
- 12 months warranty
- Extensively tested and supported by Lechler in Germany





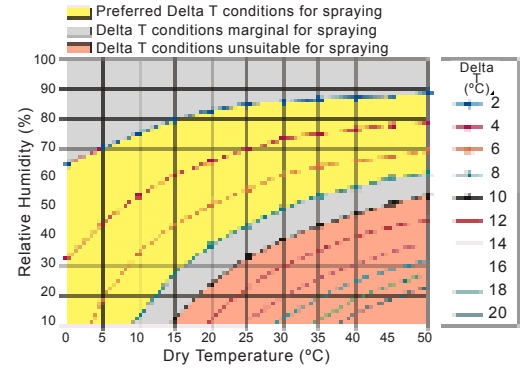
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For best results in plant protection it is necessary to have knowledge of temperature, humidity, Delta T and wind-speed to specify appropriate parameters for nozzle selection, spray volume, travel speed and for recording this data into your spray diary.

Delta T is used to determine acceptable spraying conditions in the agricultural industry. It is calculated by subtracting the wet bulb from the dry bulb temperature. When applying herbicides, pesticides or fungicides, the ideal Delta T should be between 2 and 8 recorded as °C. Once you reach this point stop and reassess your situation as excessive evaporation will be taking place and the acceptance of chemicals by some plants will be significantly reduced. For economic reasons spraying should cease when it reaches a Delta T of 10.

For emergency services particularly fires, quick accurate weather readings are vital for the safety of the fire crews and management of incidents. The POCKETWIND IV is the perfect tool for accuracy, simplicity and reliable service.



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