



**KANOMAX**  
The Ultimate Measurements

# High Temperature Anemometer

## Model 6162

Model 6162 is a unique anemometer designed for specialized high temperature applications. Three interchangeable probes are available so you can choose the one that best matches your application. Useful optional accessories such as extension rods and compression fittings are also available.



## Applications

- Drying Process Control
- Forming Process Control
- Exhaust Air Measurement
- Device Performance Testing



## Features & Benefits

- Air velocity and temperature measurements in 932°F (500°C) environments
- Probe Compatibility feature allows you to change the probe easily
- Improved response time by the addition of secondary temperature compensation circuit
- Record and recall MAX / MIN / AVG, Timing graph display
- Store up to 999 measurements
- RS232C interface, analog output, and remote control terminal equipped
- Includes shoulder strap, AC adapter, 2 pcs. analog output cable, and 6 pcs. C cell batteries

## Main Unit Specifications

|                            |   |
|----------------------------|---|
| <b>Model</b>               | <b>6162</b>   |
| <b>Air Velocity Ranges</b> | Varies by probe, see below for probe specifications |
| <b>Accuracy</b>            | +/- (3% of Full Scale)                              |
| <b>Temperature Ranges</b>  | Varies by probe, see below for probe specifications |
| <b>Accuracy</b>            | +/- (1% of reading + 1°C)                           |
| <b>Interface</b>           | RS232   |
| <b>Datalogging</b>         | 999 measurements                                    |
| <b>Analog Output</b>       | 0 to 1 V  |
| <b>Remote Terminal</b>     | START/STOP Key                                      |
| <b>Power Supply</b>        | 6 x C cell Batteries or AC Adapter                  |
| <b>Dimensions</b>          | W8.7" x H3.3" x D5.9"                               |
| <b>Weight</b>              | 4.0 lbs (1.8 kg)                                    |

## Probe Specifications

| <b>Model</b>                        |                     | <b>0203</b>                                     | <b>0204 / 0205</b>                |   |
|-------------------------------------|---------------------|---|-----------------------------------|---|
| <b>Temp. Range</b>                  |                     |   |                                   |   |
| <b>Air Velocity Measuring Range</b> | <b>32 to 212°F</b>  | 40 to 9840 fpm (0.2 to 50.0 m/s)                |                                   |   |
|                                     | <b>212 to 392°F</b> | 80 to 9840 fpm (0.4 to 50.0 m/s)                |                                   |   |
|                                     | <b>392 to 572°F</b> | n/a   | 138 to 9840 fpm (0.7 to 50.0 m/s) |   |
|                                     | <b>572 to 752°F</b> | n/a   | 197 to 9840 fpm (1.0 to 50.0 m/s) |   |
| <b>Accuracy</b>                     |                     | +/- 3% F.S.                                     |                                   |   |
| <b>Temperature Measuring Range</b>  |                     | 32 to 392°F (0 to 200°C)                        | 32 to 932°F (0 to 500°C)          |   |
| <b>Accuracy</b>                     |                     | +/- 1% of reading                               |                                   |   |
| <b>Dimensions / Weight</b>          |                     | Ø 11 x 200mm (Ø 0.4" x 7.8")<br>0.4 lbs (200 g) | 0204                              | Ø 14 x 1000mm (Ø 0.6" x 39.4")<br>1.1 lbs (500 g) |
|                                     |                     |   | 0205                              | Ø 14 x 500mm (Ø 0.6" x 19.7")<br>0.4 lbs (200 g)  |
| <b>Probe Cables</b>                 |                     | Teflon Coating                                  |                                   |   |
| <b>Heat-resistance</b>              |                     | 392°F(200°C)                                    |                                   |   |
| <b>Extension Cable</b>              |                     | Vinyl Coating                                   |                                   |   |
| <b>Heat-resistance</b>              |                     | 176°F(80°C)                                     |                                   |   |



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