

**Delta**OHM

Member of GHM GROUP



## ACCURATE **WIND** MEASUREMENTS



HD52.3D  
Compact  
Multiparametric  
2-axis anemometer



HD51.3D4R-AL  
High performance  
for harsh environments  
2-axis anemometer



HD2003.1  
Multiparametric  
3-axis anemometer



MW35/MW36  
Industrial grade  
professional  
cup/vane anemometer

2-axis Compact Multiparametric



2-axis High Performance



2-axis High Performance for harsh environments



3-axis Multiparametric



Industrial Vane &amp; Cup Anemometer



| Technical Specifications            | HD52.3D...  | HD51.3D4R   | HD51.3D4R-AL  | HD2003...      | MW35/MW36                    |
|-------------------------------------|---|---|---|----------------|------------------------------|
| Speed                               | ✓   | ✓   | ✓   | ✓              | ✓                            |
| Direction                           | ✓   | ✓   | ✓   | ✓              | ✓                            |
| Measuring range up to               | 60  | 85  | 80  | 70             | 75                           |
| Accuracy                            | ± 0,2 m/s or ± 2%, the greatest (0...35 m/s), ± 3% (> 35 m/s) | ± 0.2 m/s or ± 2%, the greatest (0...60 m/s), ± 3% (> 60 m/s) | ± 0.2 m/s or ± 2%, the greatest (0...60 m/s), ± 3% (> 60 m/s) | ±1% of reading | < 0.5 m/s (from 0 to 50 m/s) |
| Average wind output                 | ✓   | ✓   | ✓   | ✓              |                              |
| Wind gust                           | ✓   | ✓   | ✓   | ✓              |                              |
| Working temperature                 | -40°C +60°C   | -40°C +60°C   | -40°C +60°C   | -40°C +60°C    | -40°C +60°C                  |
| Protection Degree                   | IP66  | IP66  | IP66  | IP64           |                              |
| Heating                             | ✓   | ✓   | ✓   | ✓              | ✓                            |
| MIL-STD810G Method 509.6 compliant  |   |   | ✓   |                |                              |
| Survival speed                      | 90  | 90  | 100   | 90             | 80                           |
| Power supply                        | 10÷30 Vdc   | 12÷30 Vdc   | 12÷30 Vdc   | 12÷30 Vdc      | 10÷30 Vdc                    |
| 2 Axes                              | ✓   | ✓   | ✓   |                |                              |
| 3 Axes                              |   |   |   | ✓              |                              |
| Analog output                       | ✓   | ✓   | ✓   | ✓              | ✓                            |
| NMEA output                         | ✓   | ✓   | ✓   |                | ✓                            |
| RS485 output                        | ✓   | ✓   | ✓   | ✓              | ✓                            |
| RS232 output                        | ✓   | ✓   | ✓   | ✓              | ✓                            |
| SDI-12 Output                       | ✓   |   |   |                |                              |
| RS422 Output                        | ✓   | ✓   | ✓   | ✓              | ✓                            |
| MODBUS output                       | ✓   | ✓   | ✓   | ✓              |                              |
| Pulse                               |   |   |   |                | ✓                            |
| Analog inputs 0-1V                  |   |   |   | ✓              |                              |
| Analog outputs refresh rate         | 1Hz   | 1-4Hz   | 1-4Hz   | 1-20Hz         |                              |
| Digital output rate                 | 1Hz   | 1Hz   | 1Hz   | 1-50Hz         |                              |
| Internal compass                    | ✓   |   |   | ✓              |                              |
| Designed to work on solar power     | ✓   | ✓   | ✓   | ✓              | ✓                            |
| Additional environmental parameters | T/RH/Patm/Solar radiation                                     | Pressure  | Pressure  | T/RH/Patm      |                              |

Some specifications are depending on optional features and may only apply to specific codes of the instrument



We look forward to your enquiry:  
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The qualitative level of our instruments is the result of a continuous evolving of the product itself. We reserve the right to perform modifications and corrections at any time without notice.

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