

# Digital Anemometer DAM-30

Wind speed  
1 ~ 30 m/s

Temperature  
-10 ~ +50°C

Data Hold

Battery Indicator



**A necessity  
for safety at work**

# Various functions in small body



**FEATURE 1** Compact, one hand operation

**FEATURE 2** Beaufort scale & Wind chill

**FEATURE 3** Data hold

**FEATURE 4** MAX & AVERAGE data

**FEATURE 5** Backlight & Battery indicator

**FEATURE 6** Auto power off (5mins or off)

## How wind can affect your work

### Drone

In general, Max Wind Speed Resistance of heavy drones is higher than light drones. In other words, heavy drones can fly in stronger winds.

However, wind speed rises proportionally to the altitude. There is a big gap between wind speed on the ground and in the upper air especially in a built-up area. Operator must pay the most careful attention to the wind.



| Model     | Weight | Max Wind Speed Resistance |
|-----------|--------|---------------------------|
| Phantom4  | 1,380g | 10m/s                     |
| Mavic Air | 430g   | 8~10.5m/s                 |
| Spark     | 300g   | 5.5~7.7m/s                |

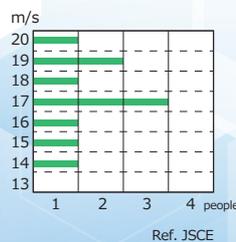
### Construction site

In Japan Standard, workers must stop their work when the average wind speed is over 10m/s at construction site. Chart shows the result of a research : how people feel danger by wind during their work.

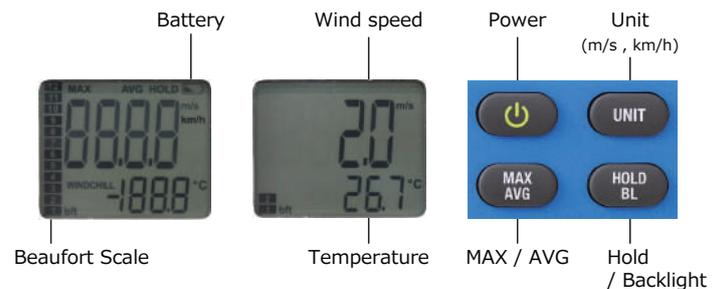
Participants : 10 people  
Years of experience : 12.4 years (ave.)

When average wind speed is 10m/s, there may be a stronger wind momentarily. It is important to know the work environment constantly.

Wind speed when they felt dangerous (10 sec)



### Display & Button



### Specifications

|                                  |                      |                          |
|----------------------------------|----------------------|--------------------------|
| Measuring range                  | Wind speed           | 1 ~ 30m/s                |
|                                  | Temperature          | -10 ~ 50°C               |
| Resolution                       | Wind speed           | 0.1m/s                   |
|                                  | Temperature          | 0.1°C                    |
| Accuracy                         | Wind speed           | ± (5%rdg + 0.5m/s)       |
|                                  | Temperature          | ±2°C                     |
| Sampling rate                    | approx. 0.5sec       |                          |
| Auto power off                   | approx. 5 min or off |                          |
| Operating temperature / humidity | 0 ~ 40°C             |                          |
|                                  | under 80%RH          |                          |
| Storage temperature / humidity   | -10 ~ 60°C           |                          |
|                                  | under 75%RH          |                          |
| Overload indication              | Wind speed           | over 45m/s               |
|                                  | Temperature          | under -10°C or over 50°C |
| Wind chill notification          | over 5m/s, under 0°C |                          |
| Power                            | AAA battery × 3      |                          |
| Dimensions                       | W54 × H163 × D30mm   |                          |
| Weight                           | approx. 120g         |                          |

### Standard Accesories

- AAA battery × 3
- Manual



Blister pack

| Code No. | Product Name       | Model  |
|----------|--------------------|--------|
| 222323   | Digital Anemometer | DAM-30 |

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