# Frangible mast (wind measurement at 10 metres)



# **FB10-M**

Code produit: 002663



## **Main features**

- Wind measurement at 10 meters
- Frangible
- Daytime signs
- Transportable
- Tilting for easy maintenance

**FB-10M** is a reliable and high-performance frangible mast for wind measurement at a height of 10 meters. Its ease of transport, easy installation, convenient maintenance capability, and exceptional resistance make it a high-quality equipment for demanding meteorological applications

**FB-10M** is a frangible mast specifically designed for wind measurement at a height of 10 meters in accordance with the recommendations of the WMO.

## Measurement at 10m

FB-10M has a robust mechanical capacity with a maximum load of 10 kg, allowing for the attachment of a wind sensor and its solar power supply at the top. It is compatible with ALIZIA 380

and ALIZIA 312-B sensors.

## **Maintenance**

**FB-10M's** maintenance is simplified by its portable design, with 1.5-meter sections for easy car transport. Installation straightforward with people, and attachments can be permanent or temporary as needed. The mast can be easily raised and lowered for convenient maintenance operations.

### **Robust**

With its guy wires and composite construction, the **FB-10M** mast exhibits high resistance to strong winds, capable of withstanding speeds of up to 300 km/h.

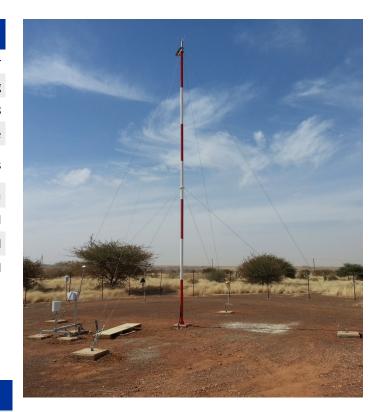
In summary, **FB-10M** offers easy transport, simple installation, convenient maintenance, and exceptional durability, making it ideal for demanding meteorological applications!

# **Technical specifications**

Dimensions	
Height	10 m
Ground mounting	4 points 210 x 210 mm

General	
Material	Glass fiber
Weight	50 kg
Shrouds	8
Color	Red/White
Daytime marking (Red and white)	Yes
Assembly time	~ 60 min
Sealing rods	included
Lightning rod	Optional
Low solar intensity beacon	Optional

# Robustness Maximum masthead load 10 kg Maximum wind speed 300 km/h



# Civil works to be planned

# **Concrete blocks**

Number of blocks to be	_
planned	5

Dimensions\* (I x L x h)

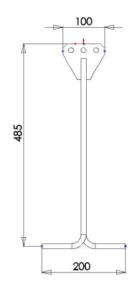
Central: 400 x 400 x 200 mm

shrouds: 500 x 400 x 500 mm

<sup>\*</sup>Dimensions may vary depending on site conditions.



Shroud fixing





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