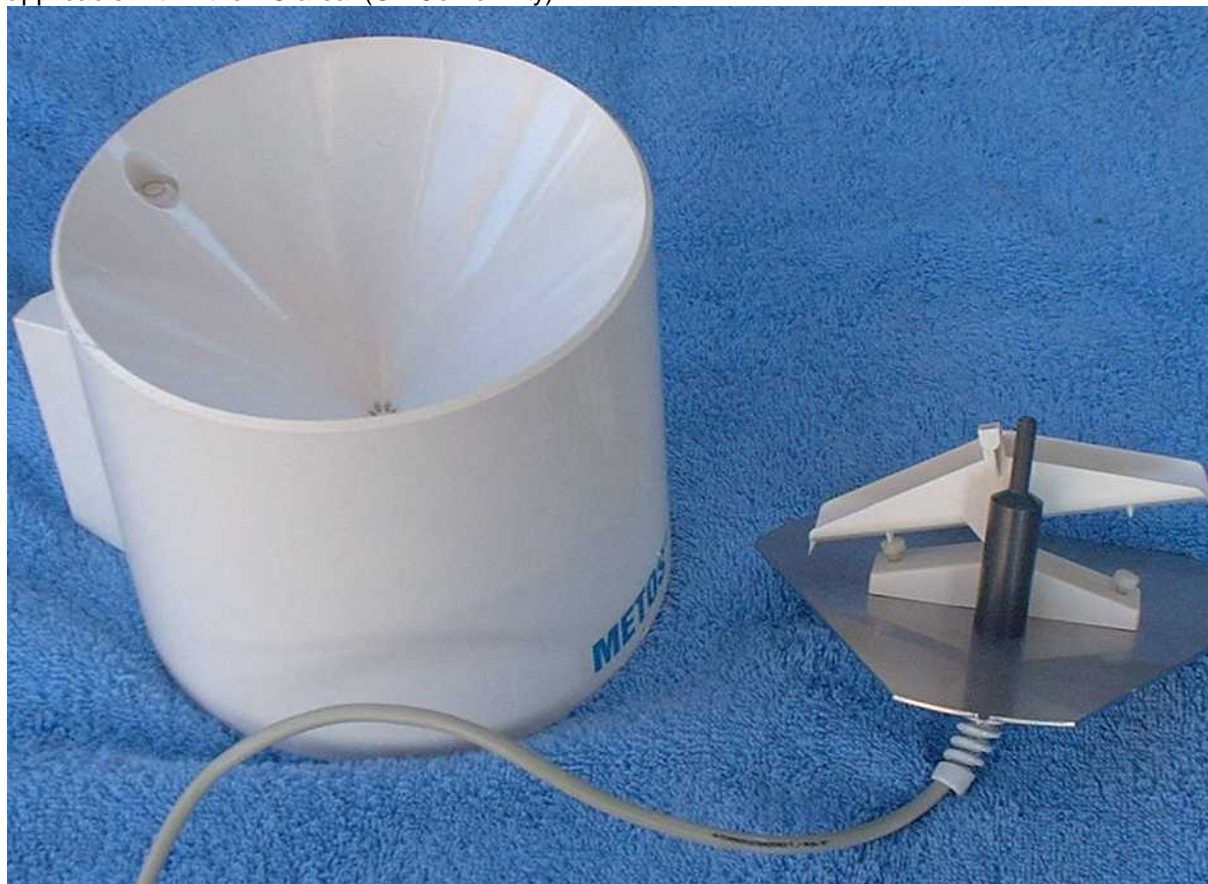


Manufacturer Certificate

We certificate with this document, that our product

RAIN GAUGE WITH HEATER (Art. MD523)

Fulfills all of the following technical specifications. Additionally the product fulfils all standards which are applicable within the EC area. (CE Conformity).



SPECIFICATIONS	
Sensor type	Tipping-bucket (double spoon)
Output	Switched signal (normal open or normal closed)
Switch	Reed-contact in hermetically sealed enclosure
Actuation	Neodym-magnet
Sensitivity	1 pulse per sec – one Tip at 0,2 mm or 0,01" inch
Measuring range	0-12 mm/min or 0-0,6 inch per minute
Calibration Accuracy	+/-3% typical (more precise on request)
Catch Funnel	200 cm ² , 162 mm Diameter (WMO Standard)
Dimensions	170 mm Diameter x 142 mm Height
	Ground plate and wheel made from stainless steel
Cable length	15 ft shielded, 3-pin connector (different length on request)
Heater	double system first starts 4°C – second starts at 2°C

Reed-contact-type:	normally closed	normally open
Output pulse time	50-100 ms	50-100 ms
Switching voltage	30 VDC	100 V AC/DC
Switching current	0,2 A	0,5 A
Bounce time	<1,5 ms	0,3 ms