

## Mini Mast MM 4000-PP

The **MM 4000-PP** antenna mast is suitable for use in either open areas or in electromagnetic absorption chambers. Guy wires and anchoring pins are available for antenna installation in open areas. The MM 4000 antenna mast has no metal parts above the drive unit. Special designs are available upon request. The mast tube can be delivered in 2 separate parts for easy transportation and storage. Polarisation rotation is always around the antenna axis to avoid elevation errors

The **GPIB (IEEE 488) bus**, when operated with the **CO 2000 Controller**, provides an additional control option for all functions.



Figure 1: MM4000-PP

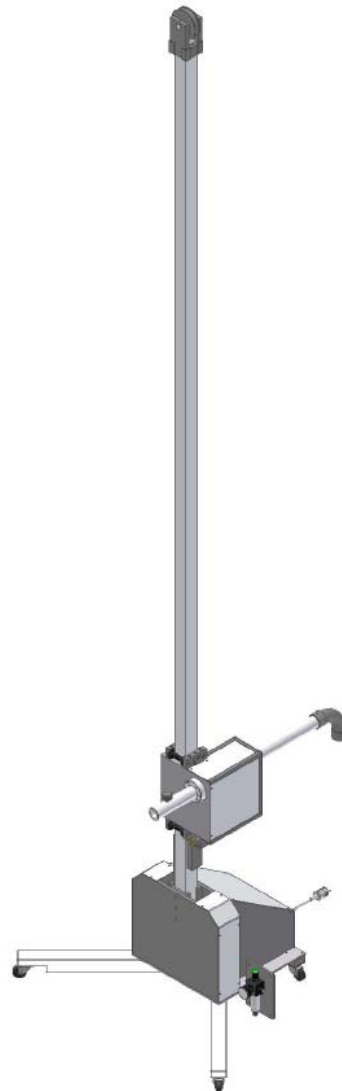


Figure 2: MM4000-PP

## Technical Data

Antenna height		1.0 to 4.0 m
Total mast height		4.3 m
Material		PVC + GFK, weatherproof
Mast cross-section		60 mm x 60 mm
Base L x W		800 mm x 600 mm
Antenna weight	max.	6 kg (at the end of the antenna pipe)
Positioning speed adjustable from min.		2 to 18 cm/sec.
Mast drive		1 Kevlar Belt (metal free)
Positioning accuracy		better +/- 1 cm (+/- 2mm)
Polarisation		0°/90° (vert./hor.)
Polarisation time 0°/90°		approx. 4 sec (at 6 bar)
Polarisation drive		pneumatic rotation cylinder
Air pressure	max.	6 bar
Control		microcontroller & solenoid valve
Operating voltage		115 V/ 230V AC (50/ 60Hz)
Input circuit	max.	1.6A
Operating temperature		-10°C...+40°C
Accessories		<b>Interface to CO 2000</b> 3 m power supply cable 2x5 m & 1x10 m fibre optic cable 12m pneumatic tube dm6 Service manual