



MPH / MPC XYZ MANIPULATORS FOR GTEM CELLS



XYZ Manipulators are ideal for easily rotating the EUT into the three required orthogonal axis positions. The manual versions (MPH) are installed inside the cell while the remote controlled versions (MPC) have a motor underneath the floor of the cell. GTEMs can be supplied with removable panels to allow the future installation of XYZ Manipulators. The MPC requires factory installation.



MPH 1000, EUT position A

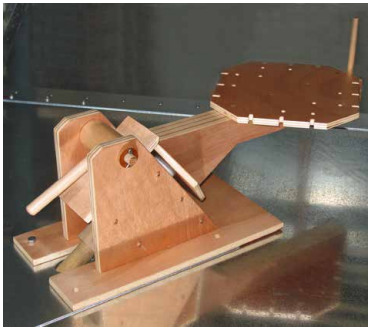
- For easily rotating the EUT into three orthogonal positions
- According to IEC / EN 61000-4-20
- Optional remote controlled
- Minimal RF reflections with virtually no metallic parts



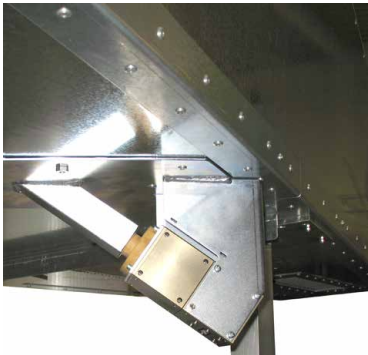
MPH 1000, EUT position B

	Immunity / emission testing according to IEC / EN 61000-4-20	Remote controlled	Recommended GTEM size	Weight in kg	Max. EUT weight in kg	Dimension in mm	Table dimension in mm	Table height in mm	Max. EUT size in mm	EUT center point above ground in mm
MPH 500	■		GTEM 500	1.4	5	L: 460 W: 190 H: 220	L: 167 W: 167	132	L: 167 W: 167 H: 167	216
MPC 500		■		22						
MPH 600A	■		GTEM 750	3	10	L: 680 W: 280 H: 310	L: 250 W: 250	198	L: 205 W: 205 H: 205	325
MPC 600A		■		24						
MPH 1000	■		GTEM 1000	10	20	L: 1080 W: 700 H: 770	L: 400 W: 400	267	L: 333 W: 333 H: 333	434
MPC 1000		■		30						
MPH 1250A	■		GTEM 1250	15	20	L: 1220 W: 750 H: 810	L: 470 W: 470	333	L: 416 W: 416 H: 416	541
MPC 1250A		■		35						
MPH 1500A	■		GTEM 1500	18	20	L: 1600 W: 870 H: 1140	L: 600 W: 600	400	L: 500 W: 500 H: 500	650
MPC 1500A		■		38						
MPH 1750A	■		GTEM 1750	20	20	L: 1740 W: 970 H: 1250	L: 650 W: 650	466	L: 583 W: 583 H: 583	758
MPC 1750A		■		40						

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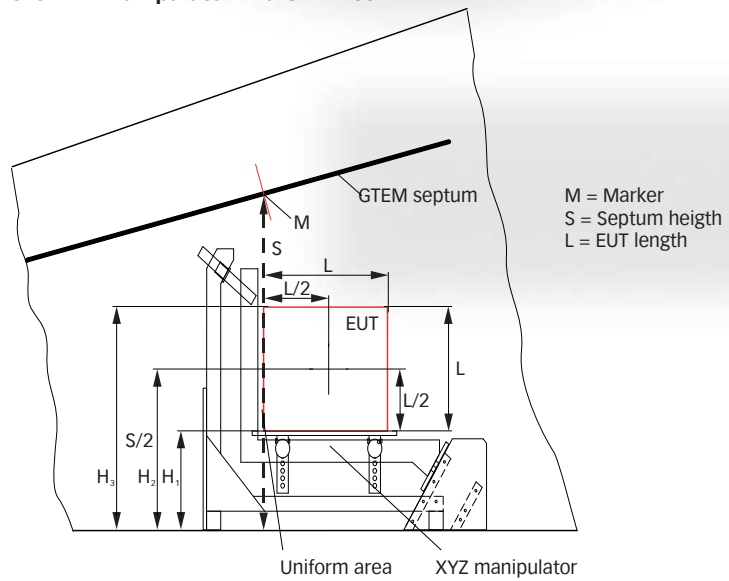


MPC 600A inside the GTEM 750



MPC 600A outside the GTEM 750

Position of the XYZ manipulator in a GTEM cell



	Septum height S at marker position in mm	Length of on side of the uniform area / EUT length L in mm	Height H ₁ / table height in mm	Height H ₂ , EUT center point above ground and S/2 in mm	Height H ₃ in mm
GTEM 500	433	167	132	216	300
GTEM 750	650	250	198	325	450
GTEM 1000	866	333	267	434	600
GTEM 1250	1083	416	333	541	749
GTEM 1500	1299	500	400	650	899
GTEM 1750	1516	583	466	758	1049

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