



# 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

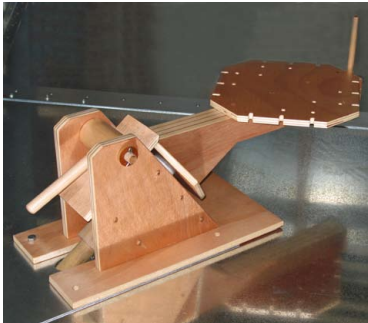
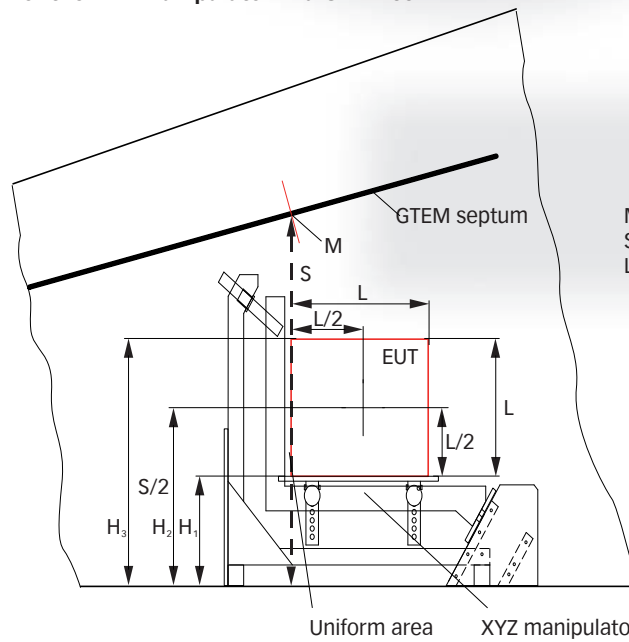
	Immunity / emission testing according to IEC/EN 61000-4-20	Remote controlled	Recommended GTEM size	Weight [kg]	Max. EUT weight [kg]	Dimension [mm]	Table dimension [mm]	Table height [mm]	Max. EUT size [mm]	EUT center point above ground [mm]
MHP 600A	■		GTEM 750	3	10	L: 680 W: 280 H: 310	L: 250 W: 250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

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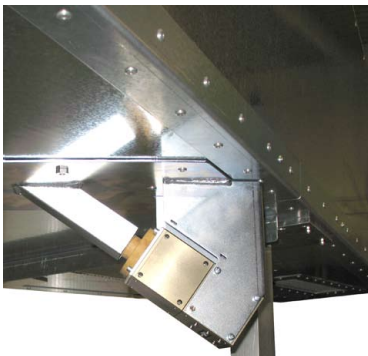


MPH 600A

Position of the XYZ manipulator in a GTEM cell



MPC 600A inside the GTEM 750



MPC 600A outside the GTEM 750

	Septum height S at marker position [mm]	Length of on side of the uniform area / EUT length L [mm]	Height H <sub>1</sub> / table height [mm]	Height H <sub>2</sub> , EUT center point above ground and S/2 [mm]	Height H <sub>3</sub> [mm]
<b>GTEM 750</b>	650	250	200	325	450
<b>GTEM 1000</b>	866	333	267	434	600
<b>GTEM 1250</b>	1083	416	333	541	749
<b>GTEM 1500</b>	1299	500	400	650	899
<b>GTEM 1750</b>	1516	583	466	758	1049

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