

technical description for Dual Turntable DDT5000/1500-14t

Technical data - preliminary

		inner turntable	main turntable		
Diameter		1,5	5,0	m	
Permissible load		14.000	14.000	kg	
Rotating speed		max. 6	6	°/s	
	or	1,0	1,0	rpm	(without acceleration ramp)
		min. 1,8	1,8	°/s	
	or	0,3	0,3	rpm	(without acceleration ramp)
positioning accuracy	better	± 0,3°	± 0,3°		
Rotating angle		-20...+380°	-20...+380°		
Height (entire)	min.		1,2	m	
Material of carrier plate	stainles steel		(approx.) 6	mm	
squarish environment			5,5 x 5,5	m	
Ground plane connecting every			50	mm	
Control cable		fibre optic lines			
Turntable drive		gear motor			
Motor		asynchron motor, frequency inverted			
control cabinet for drive		shielded and radio interference suppressed			
		-20dB under EN 55022 class B			
Temperature working range	min.		10	°C	
	max.		40	°C	
main table drive Motor			(approx.) 4	kW	
inner table drive motor			(approx.) 2	kW	
input supply voltage			230	V	
current consumption			32	A	
connector panel		fixed in the centre			
standard equipping		1xC EE 400V 50Hz 5pin, 2xSchuko 230V 16A			
including		Interface to controller CO 3000			
		2x15m & 2x5m fibre optic control			
		cable as GOF with 4 FSMA			
		Service manual			

brief description

The DDT 5000/1500-14t turntable is specifically designed for installation either at intermediate levels in electromagnetic absorption chambers or in open areas. The top plate is available in stainless steel. If a ground plane exists, and the carrying plate is made of steel, then the adapter contact ring with a quadratic rim can be supplied.

The GPIB (IEEE 488) & Lan (TCP/IP) interface, when operated with the CO 3000 Controller, provides an additional control option for all functions.