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| 11 | TEST TABLES

innco systems Plastic Tables (PT) are lightweight, portable test tables, designed and manufactured with special materials for lowest possible dielectric properties and highest mechanical stability.

The used materials of the table top to support the DUT have a dielectric constant below 3.0.

Two materials of the table structure could be chosen: polystyrene or Rohacell® which have both a low dielectric constant (1.2 and 1.04). The benefit by using these materials is a test table, which has no influence on radiated emissions measurements, especially above 1 GHz, where the material is most important.

For an easy positioning of the DUT on the test tables a printed raster with 10 x10 cm helps to find the setup position. Optionally holes in the table top are helpful to guide the cables at a defined position.

PT Test Tables are available in various sizes and load capacities, also in special configuration with rollers or structure designs to fit onto the turntable below. Regarding your unique design, just contact us.

| 11.1 | PRODUCT OVERVIEW

PLASTIC TEST TABLE MADE OF POLYSTYRENE (PT-SD)

- Lightweight material
- Several standard sizes
- Up to 100 kg load



PLASTIC TEST TABLE MADE OF ROHACELL® (PT-RH)

- Lightweight & strong material
- Several standard sizes
- Up to 120 kg load



WOODEN TEST TABLE FOR CISPR 25 (WT)

- According to CISPR 25
- With single copper plate (2 mm)
- Wooden table structure



PLASTIC TABLE FOR ROD ANTENNAS (HT)

- Fixing of monopole antenna
- Adjustable height
- Support of additional grounding plate





| 11.2 | PLASTIC TEST TABLE MADE OF POLYSTYRENE (PT-SD)

The PT-SD Test Table is made of polystyrene, which is light-weight and therefore easy movable. Polystyrene provides a low dielectric constant of 1.2, in combination with the low price, this material is the most economical solution.

The removable table top cover plate protect the table surface from sharp edges of the DUTs.

PT-SD test tables are available in various sizes and load capacities, also in special configuration with rollers or structure designs to fit onto the turntable below. Regarding your unique design, just contact us.

PLASTIC TEST TABLE MADE OF POLYSTYRENE (PT-SD)

Type	Description	Article No.
PT1208-SD	Material: polystyrene, 1200 x 800 mm, 100 kg load	80004972
PT1510-SD	Material: polystyrene, 1500 x 1000 mm, 100 kg load	80003971
PT2510-SD	Material: polystyrene, 2500 x 1000 mm, 100 kg load	80005557

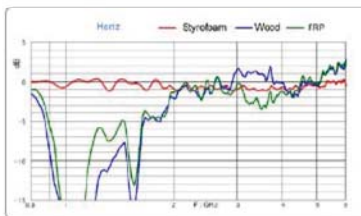
ACCESSORIES

Type	Description	Article No.
-PTP	Pertinax top plate, t = 1 mm	31000319
-HL	Higher load for PT-SD	On request
-IR	With installed rollers (only movable in unloaded condition)	On request

SCOPE OF DELIVERY

Type	Quantity
Top cover plate	1 x

TECHNICAL DATA			
TYPE	PT1208-SD	PT1510-SD	PT2510-SD
Material:			
Structure	polystyrene		
Dielectric constant ϵ_r at 1 MHz	approx. 1.2		
Table top	pertinax $t=1$ mm	PVC $t=2$ mm	pertinax $t=1$ mm
Dielectric constant ϵ_r at 1 MHz ca. 1.6	approx. 1.6	approx. 3.0	approx. 1.6
	table top plate removable	table top plate removable	table top cover plate removable
Dimensions:			
Height	800 mm (or 640 mm for DS-HA)	800 mm	800 mm
Table top	1200 mm x 800 mm	1500 mm x 1000 mm	2500 mm x 1000 mm
Load capability	100 kg		





| 11.3 | PLASTIC TEST TABLE MADE OF ROHACELL® (PT-RH)

The PT-RH test table is made of Rohacell®, which is light-weight and therefore easy movable. Rohacell® provides a low dielectric constant of 1.04 in combination with a high mechanic stability.

The removable table top cover plate protect the table surface from sharp edges of the DUTs.

PT test tables are available in various sizes and load capacities, also in special configuration with rollers or structure designs to fit onto the turntable below. Regarding your unique design, just contact us.

PLASTIC TEST TABLE MADE OF ROHACELL® (PT-RH)

Type	Description	Article No.
PT1208-RH	Material: Rohacell®, 1200 x 800 mm, 120 kg load	80005295
PT1510-RH	Material: Rohacell®, 1500 x 1000 mm, 100 kg load	80005749
PT1810-RH	Material: Rohacell®, 1800 x 1000 mm, 120 kg load	80005580

ACCESSORIES

Type	Description	Article No.
-PTP	Pertinax top plate, t = 1 mm	31000319
-HL	Higher load for PT-RH	On request
-IR	With installed rollers (only movable in unloaded condition)	On request

SCOPE OF DELIVERY

Type	Quantity
Top cover plate	1 x

TECHNICAL DATA			
TYPE	PT1208-RH	PT1510-RH	PT1810-RH
Material:			
Structure	Rohacell®	Rohacell® IG. 31 or 51G	Rohacell® IG. 31 or 51G
Dielectric constant ϵ_r at 1 MHz	1.04		
Table top	pertinax $t = 1$ mm		
Dielectric constant ϵ_r at 1 MHz ca. 1.6	approx. 1.6		
Table top removable			
Dimensions:			
Height	800 mm		
Table top	1200 mm x 800 mm	1500 mm x 1000 mm	1800 mm x 1000 mm
Load capability	120 kg	100 kg	120 kg





| 11.4 | WOODEN TEST TABLES FOR CISPR 25 (WT)

The WT test tables are specifically designed for measurements according to CISPR 25 standard. The single copper plate on the top and the flexible grounding stipes ensure best connectivity to the chamber wall or to the floor.

The table could be equipped optionally with rollers for an easy movement and storage.

WOODEN TEST TABLES FOR CISPR 25 (WT)

Type	Description	Article No.
WTT2510-900	CISPR 25 test table, made of wood, 2500 x 1000 mm, 300 kg load	80006654
WTT3510-900	CISPR 25 test table, made of wood, 3500 x 1000 mm, 300 kg load	80007167

ACCESSORIES

Type	Description	Article No.
-HL	Higher load for WT	On request
-IR	With installed rollers (only movable in unloaded condition)	On request

SCOPE OF DELIVERY

Type	Quantity
Single piece copper plate	1 x
Grounding stipes	1 set

TECHNICAL DATA		
TYPE	WTT2510-900	WTT3510-900
Material:		
Structure	wood (birch multiplex)	
Table top	copper t = 2 mm	
Dimensions:		
Height	900 mm	
Table top	2500 mm x 1000 mm	3000 mm x 1500 mm
Load capability	300 kg	



| 11.5 | PLASTIC TABLE FOR ROD ANTENNAS (HT)

The HT0806-805 test table is specifically designed for measurements with a monopole rod-antenna, which could be fixed by 1/4-20 UNC screw on the table top.

The table height could be adjusted manually by hand crank or using cordless electric screwdriver. An installed scale indicates the actual table height.

The extendable support for the additional ground plate supports a groundplane up to 1300 mm length (incl. monopole antennas plate).

PLASTIC TABLE FOR ROD ANTENNAS (HT)

Type	Description	Article No.
HT0806805	800 x 600 mm table plate, max. height 805 mm, max. load 15 kg	80005791

ACCESSORIES

Description	Article No.
Spacer disc below antenna and mounting rails, to fix the antenna plate	80005793

SCOPE OF DELIVERY

Type	Quantity
Operating manual	1 x

TECHNICAL DATA

TYPE	HT0806805
Material:	
Structure	PVC
Table top	Kömacel®
Spindle	fiberglass
Dimensions:	
Height manually adjustable	500...805 mm (height of table top)
Table top	800 mm x 600 mm
Load capability	15 kg

