



## EPS Test Table Lt

The **EPS Test Table Lt** is a simple, inexpensive solution for your EMI testing. It is made from durable, expanded polystyrene (EPS) material and can be customized to your requirements. Complies with CISPR, ISO, & IEC requirements for low permittivity and can be used for additional standards. The top is imprinted with a measurement grid in cm for easy EUT positioning. The table ships disassembled to allow for less expensive shipping. It can then be easily glued and assembled onsite. The total cost of the table, therefore, is greatly reduced.

Table Specifications			
<b>Table Size</b>	Standard	W x L x H in. (W x L x H m.)	39.37 x 59 x 31.5 (1 x 1.5 x 0.8)
	70cm offset	W x L x H in. (W x L x H m.)	39.37 x 59 x 27.56 (1 x 1.5 x 0.7)
	Custom		Available
<b>Weight load distributed</b>		lb. (kg.)	200 (90)
<b>Table weight</b>		lb. (kg.)	50 (23)
<b>Meeting requirements for high-frequency testing</b>	CISPR 16		
<b>Removable top for storage protection</b>		¼" Acrylic	Clear
PHYSICAL PROPERTIES OF EXPANDED POLYSTYRENE ASTM C578			
<b>Nominal Density</b>		lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	3.00 (48)
<b>Minimum Density</b>		lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	3.00 (48)
<b>Electrical Properties:</b>			
<b>dielectric strength</b>			~2KV/mm
<b>Relative permittivity ε<sub>r</sub></b>		400 MHz (reduces for higher frequencies)	1.06
<b>Thermal Resistance</b> R-Value per inch	ASTM C518	25°F 40°F 75°F	5.10 5.05 4.60
<b>Compressive Strength</b> @ 10% deformation, min.	ASTM D1621	psi (kPa)	60.0 (414)
<b>Flexural Strength, min.</b>	ASTM C203	psi (kPa)	75.0 (517)
<b>Water Vapor Permeance</b>	ASTM E96	(max. perm., 1")	2.5
<b>Water Absorption</b>	ASTM C272	(max. % vol.)	2.0
<b>Capillarity</b>			none
<b>Flame Spread</b>	ASTM E84		< 25
<b>Smoke Developed</b>	ASTM E84		< 450
<b>Max. Service Temperature</b>	Long Term Intermittent	°F °F	167 180

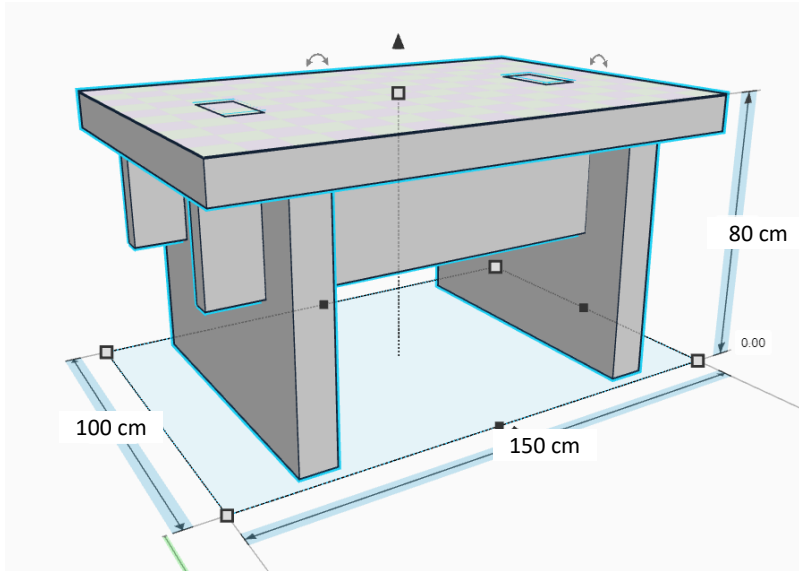
Water and aqueous solutions of salts, acids, and alkalis do not affect molded polystyrene. Most organic solvents are not compatible with EPS. This should be considered when selecting adhesives, labels, and coatings for direct application to the product. All substances of unknown composition should be tested for compatibility.

**Options:**

Custom table sizes available, Cube, Spacers, Contact us for your needs  
(custom does not cost more)

Table with a vinyl sticker or hardened coating to protect the surface

Outer Dimensions (cm), Please specify any customize to your needs



Foot Print Dimensions (cm), Please specify any customize to your needs

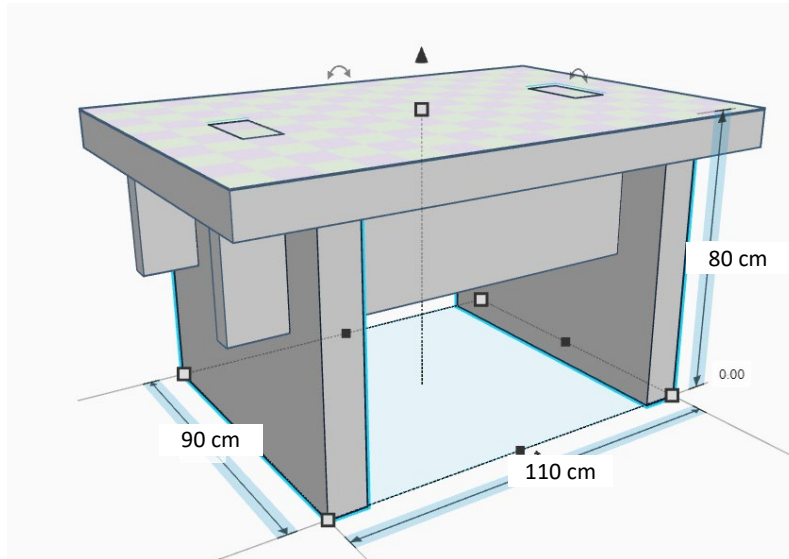


Illustration of Shipping Contents:

