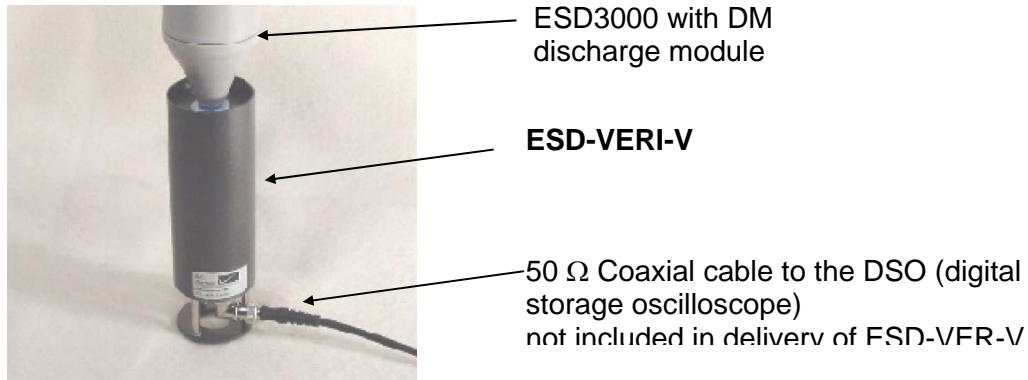


# ESD-VERI-V-V for voltage calibration ESD3000 up to 32 kV

Revised: 15.december 2010

## 1 GENERAL INFORMATION

### ESD-VERI-V-V



### 1.1 Technical data

Impedance	20 G $\Omega$ // 3pF	In free space
For calibration of	ESD3000 with modules or networks up to maximum 32kV	ESD2000
Standard	IEC 61000-4-2	

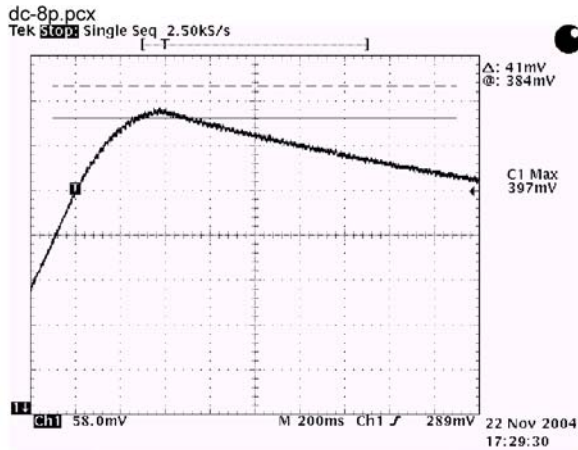
### 1.2 Measurements:



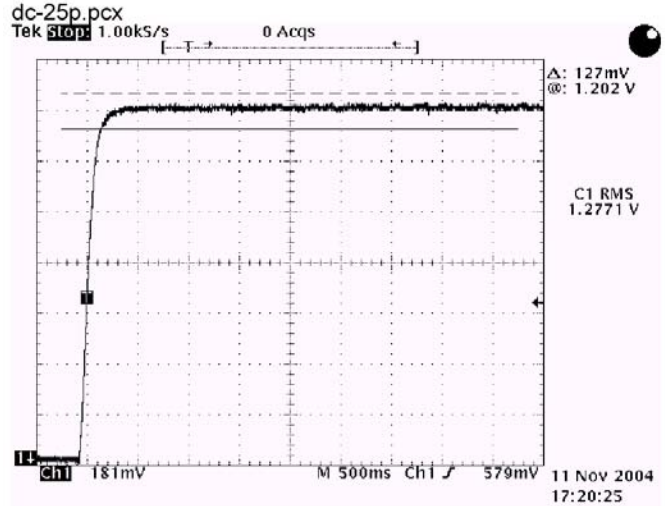
#### Measurements:

During the measurement no metallic parts should be in the vicinity of the ESD-VERI-V.

Measurement Examples see next page



**8kV positive air discharge**  
V-DC: 7600V to 8400V or  
384.50mV to 424.97mV ( 404.7mV )



**25kV positive air discharge**  
V-DC: 23750V to 26250V or  
1201mV to 1328mV ( 1265mV )

ESD2000 8 kV  
For further information see „Verification Protocol“.

ESD3000 with ESD3000RM32 and DN1 25kV

## 2 STANDARD ACCESSORY, DIMENSIONS

### 2.1 Included articles, dimensions

ESD-VERI-V (Article No. 103629)

#### Mechanical Dimensions

Unit Height:  
Length: 0 cm  
Width: 0 cm  
Height: 0 cm  
Net Weight: 0.5 kg

#### Included Articles

According to STL-Variante 20, STL-Version 1

Qty	PN	Description
1	103194	CD-UM-IN-ALL includes all User Manuals and Instruction sheets of all EMC PARTNER AG sales products.
1	104802	Standard calibration report
1	103191	Standard accessories pack
1	104836	Broschure ESD Test System

### 2.2 Standard accessories

Accessories to ESD-VERI-V (Article No. 103629)

According to OP-Variante 1, OP-Version 1

Qty	PN	Description	Weight (kg)	Length (cm)	Width (cm)	Height (cm)
1	103101	MC earth cable with banana plug 90°	0	75	0	0

## **3 RECYCLING / DISPOSAL**

### **3.1 RoHS directive 2002/95/EG**

The ESD-VERI-V-V complies with the directive 2002/95/EG (RoHS - Restriction of certain Hazardous Substances).

From December 2005, all EMC Partner products either hand soldered or by machine are produced using lead-free solder.

### **3.2 WEEE directive 2002/96/EG**

The EMC Partner ESD-VERI-V, is exempted from the directive 2002/96/EG (WEEE) under category 9.

The product should be recycled through a professional organisation with appropriate experience for the disposal and recycling of electronic products. EMC Partner are also available to help with questions relating to the recycling of this product.

### **3.3 Information for dismantling**



Remove always power cord fist.

There is no special danger involved in dismantling the ESD-VERI-V.

### **3.4 Parts which can be recycled**

The ESD-VERI-V contains parts made from steel, aluminium, PVC, two-component sealing compound. The impulse capacitors are filled with non-poisonous mineral oil. The various parts can be separated and recycled.

### **3.5 Parts which can not be recycled**

All parts in the ESD-VERI-V can be recycled.

## **4 SERVICE INFORMATION**

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