

## CN-MIG4803, test connections to MIG generators with output on top

Revised: 19. December 2013  
PN 103721

### 1 General Information

CN-MIG4803



#### 1.1 Technical data

Insulation withstand	1.2/50 $\mu$ s	up to maximum 48 kV
Max. Current	3000A	Impulses e.g. 8/20
Cable lengths	120	cm
High Voltage Connector	4mm insulated	

#### 1.2 CN-MIG4803 can be used with the following generators:

MIG2403, MIG3603C, MIG4803, MIG1206SPD insulation circuit.

### 1.3 Removing and Mounting CN-MIG4803 on MIG generators

The CN-MIG4803 is delivered already mounted on the generator high voltage outputs.



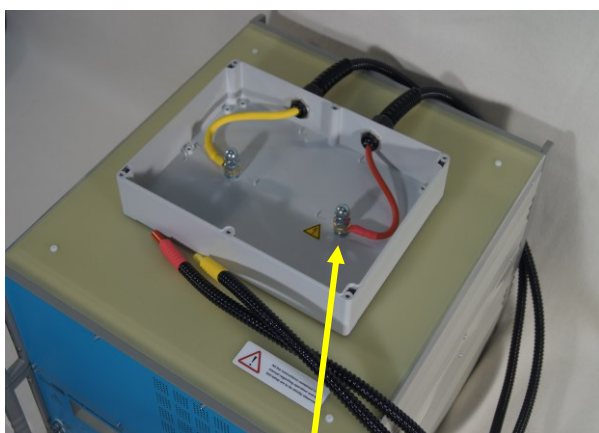
#### Attention!

Always ensure the generator is turned OFF and the mains cable removed.

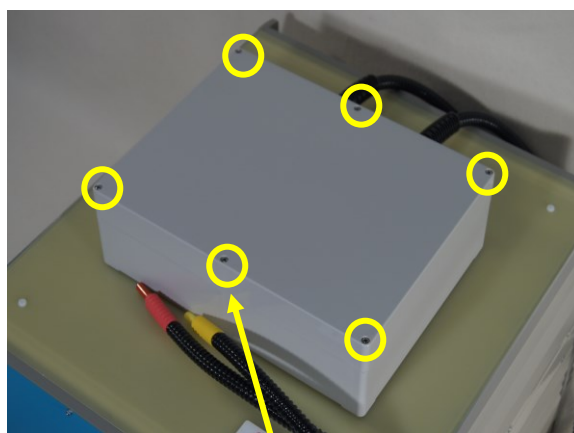
Removing the cover box exposes the operator to high voltage impulses.

To access the high voltage outputs:

1. Remove six screws from the cover box top plate.
2. Lift away the top plate to expose the high voltage terminals
3. Use a spanner to loosen and remove the domed nuts on the high voltage terminals



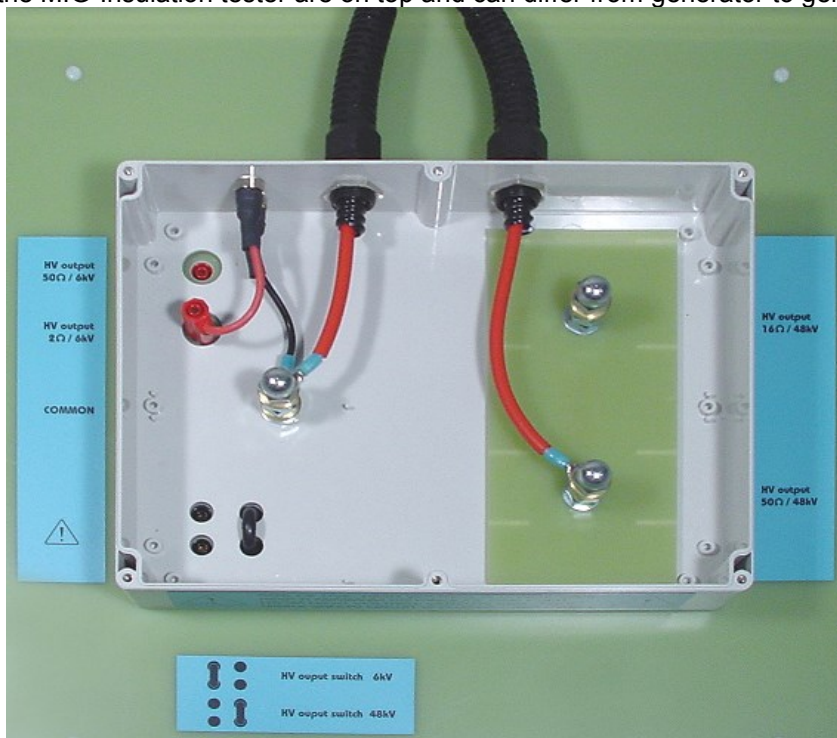
High Voltage terminals



Top plate screws

Mounting is the reverse procedure of removal.

The output of the MIG-Insulation tester are on top and can differ from generator to generator.



## 2 Standard accessories, dimensions

### 2.1 Included articles, dimensions

**CN-MIG4803** (Article No. 103721)

---

#### Mechanical Dimensions

Unit Height:

Length: 30 cm

Width: 31 cm

Height: 9 cm

Net Weight: 1.5 kg

---

#### Included Articles

According to STL-Variante 20, STL-Version 1

Qty	PN	Description
1	104838	Brochures Insulation Test System
1	103194	CD-UM-IN-ALL includes all User Manuals and Instruction sheets of all EMC PARTNER AG sales products.
1	103191	Standard accessories pack

---

### 2.2 Standard accessories

Accessories to **CN-MIG4803** (Article No. 103721)

---

Qty	PN	Description	Weight (kg)	Length (cm)	Width (cm)	Height (cm)
1	103026	Plastic pack small	0.01	25	15	0
1	104065	MC Crocodile Clip yellow	0.02	0	0	0
1	104066	MC Crocodile Clip red	0	0	0	0

---

## **3 Recycling / Disposal**

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

The CN-MIG4803 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 CN-MIG4803, 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 CN-MIG4803.

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

The CN-MIG4803 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 CN-MIG4803 can be recycled.

## 4 Service Information

EMC PARTNER AG  
Baselstrasse 160  
CH - 4242 Laufen  
Switzerland  
Tel. ++41 61 775 20 50  
Fax ++41 61 775 20 59  
Email [service@emc-partner.ch](mailto:service@emc-partner.ch)  
Web [www.emc-partner.com](http://www.emc-partner.com)

