

DF M C 80 - 100



Portable crack detection units with carrying handle;
for Magnetic Particle Testing according to EN ISO 9934

This high current generator is dedicated for AC/**HW DC*** current supply, designed to contain weight and dimensions for the best operator comfort; the effective intensity of the test current is indicated on a digital display.




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TECHNICAL DATA

Property	Power Generator	Power Generator
Art. no	DF M C 80	DF M C 100
Dimnsions (HxWxL)	950 x 750 x 1250 mm	950 x 750 x 1250 mm
Weight	300 kg	450 kg
Power Plug	125 A CEE	Connection to facility network
Current type	AC / HW DC*	AC / HW DC*
AC effective	5750 A	7500 A
AC peak	8000 A	10500 A
DC effective	4000 A*	5000 A*
DC peak	8000 A*	10000 A*
Relative duty cycle	30% ON / 70% OFF	30% ON / 70% OFF
Open circuit voltage max	18V	24V
Auxiliaries voltage	24V	24V
Mains connection	400 V	400 V
Frequency	50 Hz	50 Hz
Power consumption	125 kVA	300 kVA
Surge current	60 kA	60 kA
Recommended high current cable (not included)	6 X 2,5 M	8 x 2,5 m
High current cable cross section (not included)	120 mm ²	120 mm ²
Test current adjustment	0-5 s	0-5 s
Constant current control	No	No
Current indication	digital	digital
Overheating protection	Yes	Yes
De-magnetization	Yes	Yes
IP housing protection class acc. to EN 60529	IP43	IP43

***N.B. functions available as option**

SEPARATELY QUOTED OPTIONS

Art. no.	Description	Picture
DF OC Delta Screen 2.0	Operator Panel DELTA SCREEN 7" 2.0 touch screen	
DF OC HW 80 DF OC HW 100	DC Magnetization	
DF OC ESC	AC / HW DC Electronic Commutation	
DF OC PSS	Safety Footswitch	
(x2/x3) DF CAV 120-2.5-K	Recommended High Current Cables: Couple of Cables: 120 mm ² ; lenght= 2,5 m complete of connection plugs KIT (GIFAS-Dinse-plug single cable lug)	
	Magnetic Prods	
DF OC BS 350 DF OC BS 500	Standard Coil	
DF OC BA 350 DF OC BA 500	Openable Coil	
	Magnetic Electrodes	
DF MM 30-500 DF MM 50-500 DF MM 80-500	Magnetic Mandrel	
DF M B 60 P	Portable Minibench Frame	

***N.B. functions available as option**

N.B. the pictures above represented are only for an illustrative purpose

N.B. all items represented (as: reading instrument, plugs, connection systems..) may change depending on the technical predisposition requested.



Since 1992 Delta Flux is a leading company in designing and producing systems and machines in NDT field specialized in **MPI (Magnetics Particles Inspection)** and **PT (Dye and Fluorescent Penetrant Inspection)** devices.

In addition to the design of the machine, production and maintenance, is available a warehouse including **accessories** and **consumables** necessary for the operation of all equipments.

