

Power Generator



Portable crack detection units with carrying handle; for Magnetic Particle Testing.

This Power Generator range is dedicated for AC or AC/HWDC current supply, designed to contain weight and dimension for the best operator comfort. The intensity of the test current is indicated on an analogic or digital display.

Product Characteristics:

DF M C - Version							
Features		10	25	40	60	80	100
Effective AC	A	1000	2000	2800	4250	5750	7500
Peak AC	A	1400	2800	4000	6000	8000	10500
Relative duty cycle	% ON/OFF	30 / 70	30 / 70	30 / 70	30 / 70	30 / 70	30 / 70
Mains connection	V	230/240	400/440	400/440	400/440	400/440	400/440
Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60
Recommended high current cable (not included)	m	2 x 2,5	2 x 2,5	4x2,5	6x2,5	6x2,5	8x2,5
High current cable cross section (not included)	mm ²	95	120	120	120	120	120
Test current adjustment	s	0-5	0-5	0-5	0-5	0-5	0-5
Current indication (ammeter)		Digital	Digital	Digital	Digital	Digital	Digital
Overheating protection		Yes	Yes	Yes	Yes	Yes	Yes
Demagnetization		Yes	Yes	Yes	Yes	Yes	Yes

Version 240V, 440V, 60 Hz available under request

Standard version is equipped with Gifas Dinse output, under request it is also available with Copper Plate output.



Gifas Dinse output



Copper Plate output

Product Characteristics:

DF M C HW - Version							
Features		15	30	40	60	80	100
Effective AC	A	1100	2200	2800	4250	5750	7500
Peak AC	A	1500	3100	4000	6000	8000	10500
Effective DC		750	1500	2000	3000	4000	5000
Peak DC		1500	3000	4000	6000	8000	10000
Relative duty cycle	% ON/OFF	30 / 70	30 / 70	30 / 70	30 / 70	30 / 70	30 / 70
Mains connection	V	400	400	400	400	400	400
Frequency	Hz	50	50	50	50	50	50
Recommended high current cable (not included)	m	2 x 2,5	4 x 2,5	4x2,5	6x2,5	6x2,5	8x2,5
High current cable cross section (not included)	mm ²	95	120	120	120	120	120
Test current adjustment	s	0-5	0-5	0-5	0-5	0-5	0-5
Current indication (ammeter)		Digital	Digital	Digital	Digital	Digital	Digital
Overheating protection		Yes	Yes	Yes	Yes	Yes	Yes
Demagnetization		Yes	Yes	Yes	Yes	Yes	Yes

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Gifas Dinse output



Copper Plate output

Main Options



Recommended High Current Cables

Cables available with different section, lenght and connection kit depending on the final system configuration.



Digital Ammeter



Safety Footswitch

Safety Footswitch, wire connected to the system. The wire lenght is 3 m. This footswitch allows the Exam Start and is equipped with a safety pressure system that avoid eventual accidental starts.



Operator Panel DELTA SCREEN 7" 2.0 Touch screen

The main data and parameters controlled, managed and displayed are: exam set-up; system management, general functions and magnetic bench functions; passwords. Possibility to save up to 50 recipes. All indicated data can be viewed on operator panel or from internal corporate network on PC.

Other Options

Heavy Duty Frame

Electronic switching AC/DC

Impulse Magnetization