

HELLMAG high-current generators



The HELLMAG mobile magnetizing devices are high current generators designed for current and field flow magnetization, for pulse magnetization as well as for demagnetization. Using conventional power cables, the HELLMAG can be combined with a variety of testing equipment such as the chain testing devices, closed or hinged coils, and trapezoidal coils for railway wheels testing.

Specifications

	HELLMAG 1100 Standard	HELLMAG 3300 Standard	HELLMAG 3300 Premium
Art.No.	131.100.093	131.100.082	131.100.080
Mains connection, V / Hz / A	230 / 50-60 / 16	400 / 50-60 / 32	400 / 50-60 / 32
Power consumption, kVA	3,2	5	5
Nominal current, A	1000 AC	2500 AC	2500 AC
Current adjustment	stepless	3-steps-switch	3-steps-switch
Relative duty cycle, %	30	30	30
Current indication	analogue	analogue	analogue
Operating mode	1 ¹⁾	1 ¹⁾	1, 2, 3 ¹⁾
Connecting cables auxiliaries	2 x 2.5 m	2 x 2.5 m	4 x 2,5
Cable cross section, mm ²	95	95	95
Socket 230 V	-	-	+
Socket 230 V, switchable	+	-	+
Dimensions, mm	370 x 255 x 235	564 x 300 x 324	564 x 300 x 324
Weight, kg	approx. 19	approx. 57 ²⁾	approx. 57 ²⁾

¹⁾ 1 – magnetization
2 – demagnetization
3 – pulse mode

²⁾ optionally with laminated core transformer