

Electromagnet System



- Electromagnet system to produce homogeneous magnetic fields
- Maximum field strength up to 2500 kA/m
- Power supply 3 kW up to 9 kW
- Customized system design
- Software program for field adjustment and control

Operating Principle

Electromagnet systems with different power levels to produce homogeneous magnetic fields. Usable for calibration of sensors, testing of magnet systems and Hysteresis measurement. Adjustable air gap from 0 up to 60 mm. Field strength in the air gap up to 3 Tesla. Software program for control and evaluation.

Technical data	:	Electromagnet System
Elektromagnet	:	up to 2500 kA/m
Pole caps	:	with interchangeable poles and coil fixture up to 250 mm diameter
Air gap	:	0 up to 60 mm
Maximum field strength	:	2500 kA/m (depending on air gap)
Power supply	:	3 kW up to 9 kW
Software	:	Windows based control and evaluation program
Housing	:	19" container
Mains supply	:	3 x 200 - 3 x 400 V, 16 A, 50 - 60 Hz
Dimensions and weight	:	depending on system design