

Energy for magnets

Calibrator machines

■ M-Pulse series



Precision

- Usage of precise meters (Gaussmeter or Fluxmeter)
- Fast calibration due to optimum procedure
- Up to 0,3% accuracy over all

Energy

- Calibration of NdFeB, SmCo, Ferrite, AlNiCo
- Capacitor discharge principle
- Very high safety feature such as triple voltage measurement, internal autodischarge at failure, etc.

Compact

- No additional computer required
- Integrated meter and probes
- Datalogger can be integrated



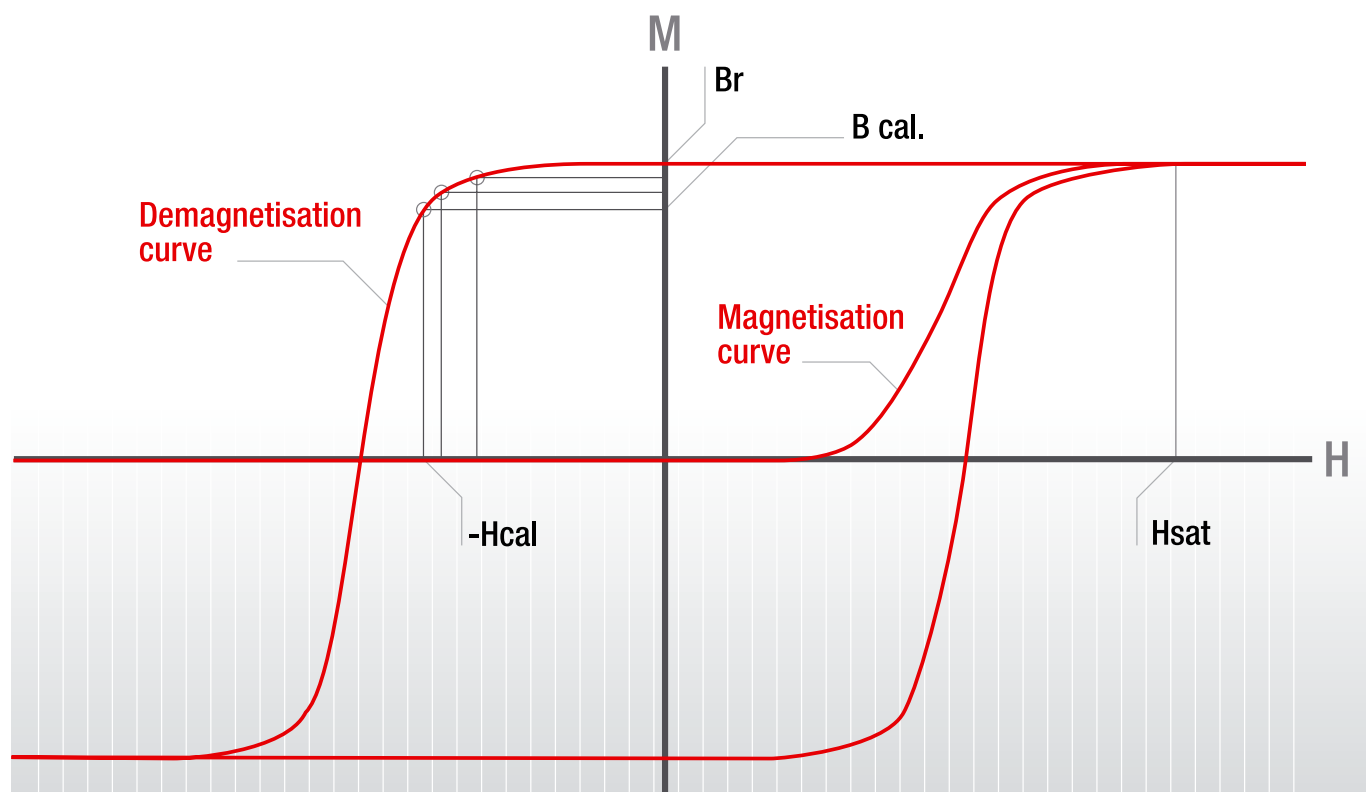
Setup

- An M-Pulse magnetizer is integrated suiting to the size and material of the magnet
- An e-Flux Fluxmeter or a Gaussmeter or any other meter can be adapted to measure the result
- Controlled by Siemens PLC with Touchpanel
- Interfaces: PLC, Profibus, Industrial Ethernet

Magnetic calibration:

A general and overall method to calibrate assembled or partly assembled devices, which is used for:

- Magnetic gauges like power meters etc.
- Magnetic circuit breakers
- Magnetic sensors
- DC Motors



- Saturate magnet with a magnetizing pulse (H_{sat})
- Demagnetize stepwise to the required level with reverse field ($-H_{cal}$)