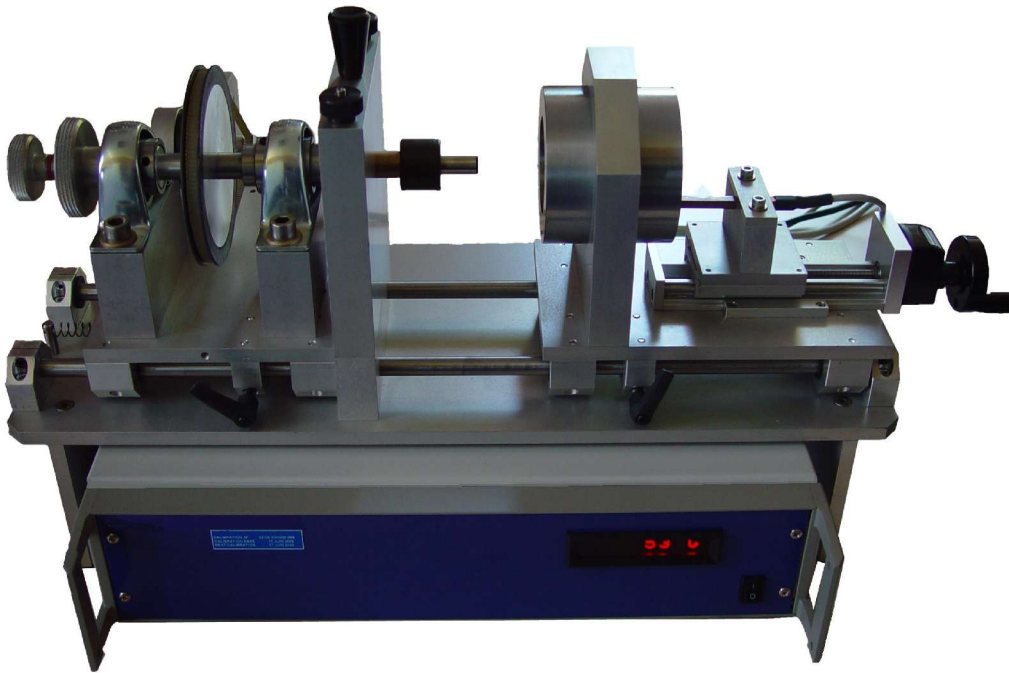


## Magnetic Field Rotor Measurement



### Main Features

- ◆ Rotor up to 40 mm diameter
- ◆ Hall effect measurement head
- ◆ Up to 20 000 gauss
- ◆ 1 gauss accuracy
- ◆ 0.1° angle accuracy
- ◆ Friendly human machine interface
- ◆ Manual and Automatic mode
- ◆ Curves analysis after measurement
- ◆ Automatic report generation
- ◆ Automatic pass/fail information

### On demand

- ◆ Larger rotor diameter
- ◆ Other range and accuracy

The **MRM 20** is able to measure the magnetic field of the rotor of an electric motor.

Permanent poles of plastic magnet must be measured after manufacturing to ensure that poles are well positioned and field is constant.

With the **MRM 20**, user places the rotor in a collet, slides the measurement head with a micrometric carriage to the required position and starts the reading sequence.

The software on the PC acquires the value of the magnetic field and control the stepper motor turning the rotor in front of the measurement head.

The field measurement is very repetitive because the rotor and the head are surrounded by a specific metal tube allowing a very good alignment of magnetic field lines and preventing external interferences.

