

MT 173 Test stand for gears

Order code: **5201.05117300**



Information about product price on demand

Parameters

Quantitative unit

ks

MT 173 Test stand for gears

The Test Stand for Gears is designed for determining the mechanical efficiency of different gear types.

It supports various gear configurations, including spur and worm gears, spur gears, bevel gears, and planetary gears, which are available as accessories.

The system is controlled via a PLC with a touchscreen interface and features an integrated router for remote operation, screen mirroring on up to five devices, and data access via WLAN/LAN.

A three-phase motor with variable speed, combined with an air-cooled magnetic particle brake, allows precise load control. Inductive sensors measure speed and torque, with real-time data displayed on the touchscreen.

Technical Data & Specifications:

- **Control System:** PLC Eaton XV-303
- **Three-Phase Motor (Variable Speed):**
 - Power output: 0.75kW
 - Speed: 0...1400 min⁻¹
- **Magnetic Particle Brake (Air-Cooled):**
 - Adjustable braking torque: 0...80Nm
- **Measuring Ranges:**
 - **Drive:** Torque: 0...10Nm
 - **Brake:** Torque: 0...100Nm
- **Power Supply:**
 - 230V, 50Hz, 1 phase
 - 230V, 60Hz, 1 phase; 120V, 60Hz, 1 phase
 - UL/CSA optional

Dimensions & Weight:

- **LxWxH:** 1682 x 790 x 1460mm
- **Weight:** Approx. 250kg

Required for Operation:

- WLAN/LAN connection for remote access (optional)