

Product Name :
Modular Test Stand for Single-Cylinder Engines

Product Code :
TK588



Description :

Modular Test Stand for Single-Cylinder Engines

Technical Specification :

Modular Test Stand For Single-Cylinder Engines

Test stand for mounting of prepared single-cylinder engines (two-stroke and four-stroke) with a power output of 3kW

Engine started by Universal drive and brake unit

Force transmission from engine to load unit via V-belt drive

Continuous adjustment of speed and torque

Vibration-dampened switch cabinet for display and control measuring tube with scale and pressure sensor for manual and electronic fuel consumption measurement

Measurement and display of air consumption, ambient temperature and fuel temperature

Measured value displays for engine exhaust gas temperature

Stabilization tank for intake air

3 supply tanks for different fuels

Software for data acquisition via USB under Windows 8.1, 10

Technical Data:

3 fuel tanks: 5L each

Measuring ranges

Temperature:

0...100°C (ambient)

0...100°C (fuel)

0...1000°C (exhaust gas)
Air consumption: 30...333L/min
Fuel consumption: 0...50cm³/min
230V, 50Hz, 1 phase
230V, 60Hz, 1 phase; 120V, 60Hz, 1 phase
Dimensions and weight
Length x Width x Height: 900x900x1900mm
Weight: 135kg (weight with engine, which is not included).

Naugralabequipments

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