

# Universal test stand for fuel controllers and fuel pumps

## >P-PKR2<



Developed for testing of fuel controllers and fuel pumps for their identification data in fully automatic or in manual mode.

- > Three controllable drive units to operate complete fuel controller systems
- > Explosion protection by pressurized enclosures, suction systems, separate drive systems and automatic monitoring equipment
- > Integrated cold-test thermostats (3 basins in drawers) for temperature sensor simulation
- > Freely switchable flow sensors and pressure transducers

## TECHNICAL DATA

<p><b>&gt; Circuits:</b></p> <p>Low pressure circuit 1: max. 10 bar, 60 lpm</p> <p>Low pressure circuit 2: max. 8 bar, 260 lpm</p> <p>High pressure circuit: max. 145 bar, 60 lpm</p> <p>2 return circuits (ambient, nozzle flow): 20 - 10000 pph</p> <p>Return circuit (total): 100 - 15000 pph</p>	<p><b>&gt; Compressed air supply:</b></p> <p>LP: 7 bar, HP: 35 bar</p>
<p><b>&gt; Drive units:</b></p> <p>Drive unit 1: max. 10000 rpm max. 50 kW incl. torque measurement 100 Nm</p> <p>Drive unit 2: max. 8000 rpm max. 8 kW</p> <p>Hydraulic drive unit: max. 5000 rpm</p>	<p><b>&gt; Electrical supply:</b></p> <p>Mains supply: 3/N/PE AC 50Hz 400V</p> <p>Nominal power: 123 kVA</p> <p>Preliminary protection: 250 A</p> <p><b>&gt; Computer system:</b></p> <p>Electrical power supply: 1/N/PE AC 50Hz 230V</p> <p>Nominal current: approx. 8 A</p> <p>Preliminary protection: max. 16 A</p> <p><b>&gt; Dimensions and weight:</b></p> <p>Width: 4600 mm</p> <p>Depth: 2400 mm</p> <p>Height: 2100 mm</p> <p>Weight: approx. 6000 kg</p>

## OPTIONS

A wide range of options is available to fulfil our customers' requirements.  
e.g.: Adaption for different fuel controllers and fuel pump types, different touch-screens, etc.