

## Test Stand For Power Drive Units

### >TPDU1E<



Developed for testing of Power Drive Units for erection stroke, erection force, traction force, velocity as well as current consumption in all phases, voltage and housing temperature.

- > Possibility to carry out tests with wet brake drum
- > UUT setup on adapter plates outside the test chamber
- > Sound-insulation (75dB(A))
- > Computer control via sliding rotatable control desk
- > Dynamic measurement of voltage and current (scanning rate 10kHz), force, speed and temperature (scanning rate 100Hz)

## TECHNICAL DATA

<p>&gt; <b>Electrical supply:</b></p> <p><u>Mains supply:</u> 3/N/PE AC 50Hz 400V 31A</p> <p><u>Computer supply:</u> 1/N/PE AC 50Hz 230V 16A</p>	<p>&gt; <b>Measurements - Power Drive Unit:</b></p> <p>Erection stroke: 0 to 50mm (0 to 1.97in)                  Erection force: 0 to 20kN (0 to 4,496.2lbf)                  Traction force: ±20kN (±4,496.2lbf)                  Velocity: ±30m/min (±98.4ft/min)                  DC current: 0 to 5ADC                  DC voltage: 0 to 40VDC                  AC current: ±30AAC                  AC voltage: ±250VAC                  Housing temperature: 0 to 200°C (32 to 392°F)</p>
<p>&gt; <b>Compressed-air supply:</b></p> <p>min. 5bar, max. 10bar (min. 72.5psi, max. 145.0psi)</p>	<p>&gt; <b>Dimensions and weight:</b></p> <p>Width: 3,450mm (135.8in)                  Depth: 1,900mm (74.8in)                  Height: 2,420mm (95.3in)</p> <p>Weight: approx. 2,650kg (5,842.2lb)</p>
<p>&gt; <b>Lifting table:</b></p> <p>0 to 200mm (0 to 7.9in)</p>	



## OPTIONS

A wide range of options is available to fulfil our customers' requirements.