# Hydraulic Test Equipment for A321XLR

## >HTE321XLR-AE<





Fully automatic operation of the following procedures:

- air pressure tests of hydraulic lines
- pressure tests of LP lines with Hyjet V
- pressure tests of HP lines with Hyjet V
- compressed air cleaning of hydraulic lines

Can be adapted for aircraft types of different manufacturers.

- Operation via notebook in ergonomic height
- High flexibility by mobile setup
- Uninterruptible power supply for PLC (programmable logic controller), measuring system and system control
- Automatic test report generator with all results
- Hydraulic filter with electrical contamination indicator for test medium purity

Optional:

- Compressed air preparation via refrigerant type dryer and filter package (setup possible also outside of the test equipment)

## MISCELLANEOUS

- Swiveling wheels with solid rubber tyres and parking brake
- Main tank with approx. 50l capacity and fill level monitoring
- Easy accessibility for maintenance via doors
- Drip pan to catch leaking medium during maintenance tasks or to catch any occuring leakage
- Provided with openings for forklift and lashing points for transport by crane

## TECHNICAL DATA

**Hydraulic circuit:**

| | |
|---|---|
| Power: | 5.5 kW (electrical)<br>(5lpm at 240bar,<br>20lpm at 35 bar) |
| Leakage test circuit | 0.05 - 4 lpm |
| Temperature operation: | 20 to 40°C, max. 55°C<br>(68°F to 104°F, max. 131°F) |
| Hydraulic medium: | Hyjet V |
| Tank volume: | approx. 50l |

**Electrical supply (requirements):**

| | |
|---|---|
| Mains connection: | 3/N/PE AC 50Hz 400V |
| Nominal current: | 12 A |
| Rated power: | 8.3 kVA |
| Short circuit current: | 6 kA |

**Dimensions and weight:**

| | |
|---|---|
| Width: | approx. 1,061mm (41.5inch) |
| Depth: | approx. 1,584mm (62.4inch) |
| Height: | approx. 1,394mm (54.9inch) |
| Weight: | approx. 670kg (1477lb) |

**Operating and storage conditions**

| | |
|---|---|
| Altitude of sight: | max. 1,000m (3,280ft) MSL |
| Operating temperature: | +5 to +35°C (41 to 95°F) |
| Storage temperature: | 0 to 60°C (32 to 140°F) |
| Air humidity: | 5 to 95%<br>(non-condensing) |

**Pneumatic supply (requirements):**

| | |
|---|---|
| Flow: | min. 1,000Nl/min (min. 265gpm) |
| Pressure: | 6 to 10 bar (87 to 145psi) |
| Quality: | ISO 8573-1 ISO Code 3-5-3 |
| Max. compressed air temp.: | +20°C (68°F) |

## OPTIONS

Multiple options are available to customize the test equipment according to customer requirements.



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## TECHNICAL DATA

> **Measurements:**

Pressure: 0 to 400bar ± 1% of full scale
(0 to 5801.5 psi ± 1% of full scale)

0 to 250bar ± 0.5% of full scale
(0 to 3625.9 psi ± 1% of full scale)

0 to 100bar ± 0,5% of full scale (2x)
(0 to 1450.4 psi ± 1% of full scale (2x)

0 to 10bar ± 0.5% of full scale
(0 to 145.0 psi± 0.5% of full scale)

| | |
|---|---|
| Flow: | 0.05 to 4lpm ± 1% o.m.v.<br>± 0.01lpm absolute<br>(0.01 to 1.06 USgpm<br>± 0.003USgpm absolute)<br><br>1 to 20lpm ± 1% o.m.v.<br>± 0.01lpm absolute<br>(0.26 to 5.28 USgpm<br>± 0.003USgpm absolute) |
| Temperature: | 0 to 100°C ± 1°C absolute<br>(0 to 212°F ± 33.8°F absolute) |

## OPTIONS

Multiple options are available to customize the test equipment according to customer requirements.

Technical data are subject to change!