

Chevre Interface Unit

>77000D272.01010.300<



The unit is developed to test the captain and first officer's rudder and brake pedals of the AIRBUS A318-321.

It is possible to adapt this unit for other aircraft types.

The unit consists of:

- A mechanical attachment fixture
- A lifting motor
- Pedal to simulate pressure and force
- Amplifier
- Laptop
- Oracle data base
- Software

- > Measurements:
Pedal force, pedal angle, pedal stroke, rudder angle
- > Data is collected, analyzed and saved (in accordance with GTI 8.27.602 and GTI 8.32.604/614).
- > The input and output parameters are monitored to ensure protection of the unit.
- > The light design of the equipment enables easy transport.
- > The attachment fixture can be folded up.

TECHNICAL DATA

<p>> Electrical supply (requirements):</p> <p>Supply: 28V DC - A/C supplied from the cockpit</p>	<p>> Measurement range:</p> <p>Load: -80 to +80daN ±0.05% o.f.s.</p>
<p>> Operating conditions:</p> <p>Operating temperature: 0 to 40°C (32 to 104°F)</p> <p>Storage temperature: -30 to +75°C (-22 to +167°F)</p> <p>Protection class: IP54</p>	<p>Pedal angle, left: 1 to 10V ±0.2% o.f.s.</p> <p>Pedal angle, right: 1 to 10V ±0.2% o.f.s.</p> <p>Rudder angle: -35 to +35° ±0.1°</p> <p>Rudder angle USB: -35 to +35° ±0.1°</p> <p>Tool angle (Pot 1): 0 to 10VDC ±0.2% o.f.s.</p>

OPTIONS

A wide range of options is available to fulfil our customers' requirements.
e.g.: Adaption for different aircraft types, etc.