Hydraulic test stand for flight control units (FCU)

Universal test stand for Flight Control Units of various aircrafts.

- Measuring data acquisition and data recording of flow, pressure, leakage, force, speed etc.
- Frequency-response test with Frequency-Response-Analyzer
- Bode diagram with marginal check
- User-friendly construction with movable cover
- Computer controlled via operating unit (tilting and rotating)
- Hydraulic quick gripping of hydraulic connections and adapters
- Sound proof to 75dB(A)
### TECHNICAL DATA

#### Hydraulic circuits:
- **High pressure circuit:** max. 320bar, max. 150lpm
- **Low pressure circuit:** max. 10bar
- **Control pressure circuits:** 35bar and 350bar
- **High pressure test circuit:** max. 600bar, max. 10lpm
- **Controllable output:** 0 - 40bar
- **Measuring circuit:** 0.01 - 100lpm
- **Scavange unit with filter**
- **Free connectable pressure transducers**

#### Test medium:
- **Skydrol**

#### Dimensions and weight:
- **WxOxH:** 3650mm x 2300mm x 2500mm
- **Weight:** approx. 4700kg

#### Supply voltages:
- **Main supply:** 3/N/PE AC 50Hz 400V
- **Computer supply:** 1/N/PE AC 50Hz 230V

### OPTIONS

Many options are possible for adaption, e.g. adaption to other aircraft types, to different operating units etc.