



AIRCRAFT HYDRAULIC GROUND SUPPORT EQUIPMENT

CALIBOX-series

HYDRAULIC GROUND SUPPORT EQUIPMENT



**10 to 50 Usqpm
40 à 189 l/min**

**Mineral
Or
Ester Phosphate**

ABC hydraulic maintenance units are suitable for:

- ✦ Calibration and checks of hydraulic ground test unit
- ✦ Pressure, Flow, Temperature, Particles Counter pressure plug

Check flow rate, pressure, temperature and to perform particles counting on hydraulic systems compatible with fluid and capability of the unit

The suitcase model CALIBOX is a relevant maintenance equipment for the control and the calibration of the measurements channels of hydraulic ground test system. It is designed as an on-line hydraulic maintenance suitcase with focus on simplicity to operate and maintain.

Three versions are available:

HGPU Models	Flow	Pressure	Max pressure
Calibox-10	10 usqpm	3000 psig	5000 psig
	40 lpm	210 bar	345 bar
Calibox-30	30 usqpm	3000 psi	5000 psig
	114 lpm	210 bar	345 bar
Calibox-50	50 usqpm	3000 psi	5000 psig
	189 lpm	210 bar	345 bar

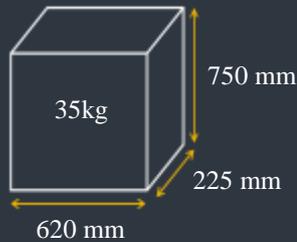


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OVERALL DIMENSIONS



Hydraulic hoses:

- No hose

- Power supply cable: 5 meters (without plug)

OPERATING CONDITIONS

Operating temperature: from -5°C to +45°C

Fluid temperature: from +10°C to 75°C

Indoor use (maintenance hangar)

Easily movable by one operator

Recopy BNC connectors: 0-10V (option)

Power supply: 230V, 50Hz, +Ground c

Main Characteristics



The chassis is made of stainless steel structure movable thanks to two locking swivel casters and two rigid ones. All commands are simple to operate. The complete hydraulic system is mounted on a special tray to collect possible leaks and thus help preserve the environment.

Standard accuracy (other upon request)

- ✦ Pressure: Class 0.5
- ✦ Flowmeter : Class 0.5
- ✦ Sound level : less than 72 dbA
- ✦ Temperature: Class 1

Options available (other upon request)

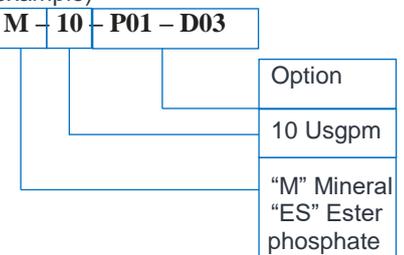
- ✦ **P01**: Pressure sensor with a pressure transducer and a display calibrated in class 0.1
- ✦ **D03**: A better accuracy for flow with a flowmeter and a display calibrated in class 0.3
- ✦ **CP**: Connectors for connecting an external particles counter
- ✦ **PP**: Sampling port
- ✦ **BNC**: Bnc connector 0-10V
- ✦ **T05**: Temperature sensor with a temperature transducer and a display calibrated in class 0.5

Hydraulic parameters

- ✦ Mineral oil based HGTU such as MIL-PRF-5606, MIL-PRF-83282, MIL-PRF-87257 standards (Order code "M")
- ✦ Esther phosphate oil based HGPU such as HYJET, SKYDROL standards type IV and V (Order code "ES")
- ✦ Pressure range: adjustable up to 3000 psi / max 5000psi at reduced flow
- ✦ Flow range: up to 50 usgpm upon visual flow indicator

To order (example)

Calibox - M - 10 - P01 - D03



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