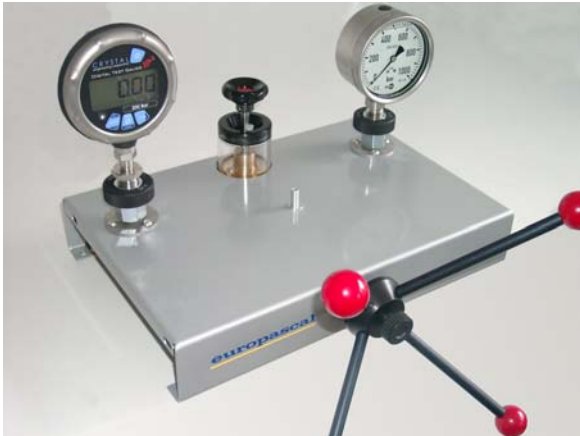


# CEH – for oil / CEO - for water Hydraulic pressure generator



Pressure gauges are not included !

## Operation:

The hydraulic pressure generator is used to generate and control highly precise pressures to calibrate pressure gauges, pressure sensors, pressure transmitters and pressure switches by comparison.

## Versions:

There are two versions available: CEH with oil and CEO with water as operating fluid.

## Specifications:

Measurement range: **CEH:** 0 ... 800 bar  
 0 ... 1250 bar  
**CEO:** 0 ... 700 bar

Operating fluid: **CEH:** hydraulic oil type EP 1201  
**CEO:** demineralised water

Connections: ½" BSP internal thread

Material: - ducting: stainless steel 1.4404 (AISI 316 L)  
 - connections: stainless steel 1.4404 (AISI 316 L)  
 - housing and base plate: steel, grey painted

Pressure generation: single level piston

Variable volume adjuster: 90 mm stroke

Extrusion volume: **CEH:** 0 ... 800 bar: 16 cm<sup>3</sup>  
 0 ... 1250 bar: 10 cm<sup>3</sup>  
**CEO:** 0 ... 700 bar: 16 cm<sup>3</sup>

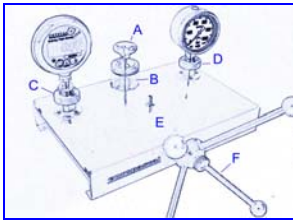
Weight: 7.0 kg

Packing: dimensions: 450 X 330 X 240 mm  
 weight: 7.5 kg (gross)

Scope of delivery: - pressure generator  
 - 0.5 l operating fluid  
 - instruction manual

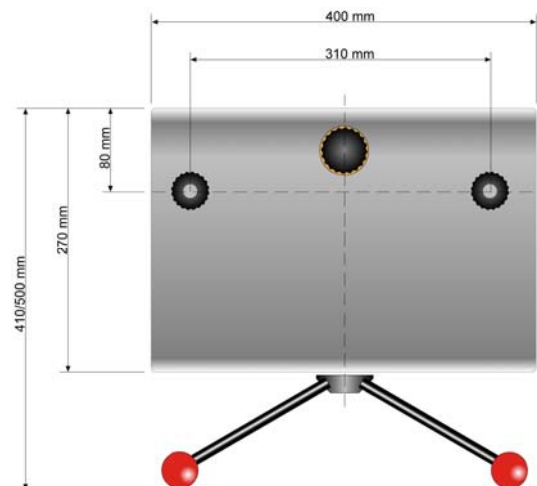
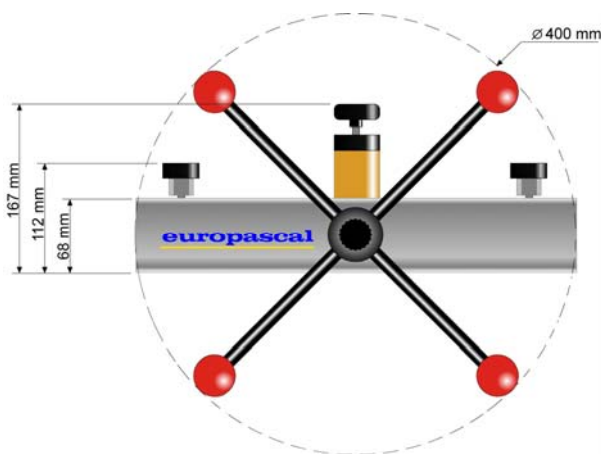


## Function:



1. Connect the reference gauge and the gauge to be calibrated to the connections (C u. D).
2. Open the valve (A) to fill the variable volume container (E) with oil or water from the transparent reservoir (B).
3. Close the valve (A) and turn the adjusting wheel (F) to load the gauges with pressure.

## Dimensions:



## Accessories:

- Toolkit:
  - 1 adapter 1/2" BSP external thread
  - 1 adapter 1/4" BSP external thread
  - 1 90° angle adapter for surface mounted pressure gauges
  - 2 wrenches
  - 1 pointer-punch and remover
  - 1 hammer
- 1 gasket kit
- Transport cover (5 kg)
- Socket to raise height (4 kg)
- Reference pressure gauge Crystal XP<sup>2i</sup>