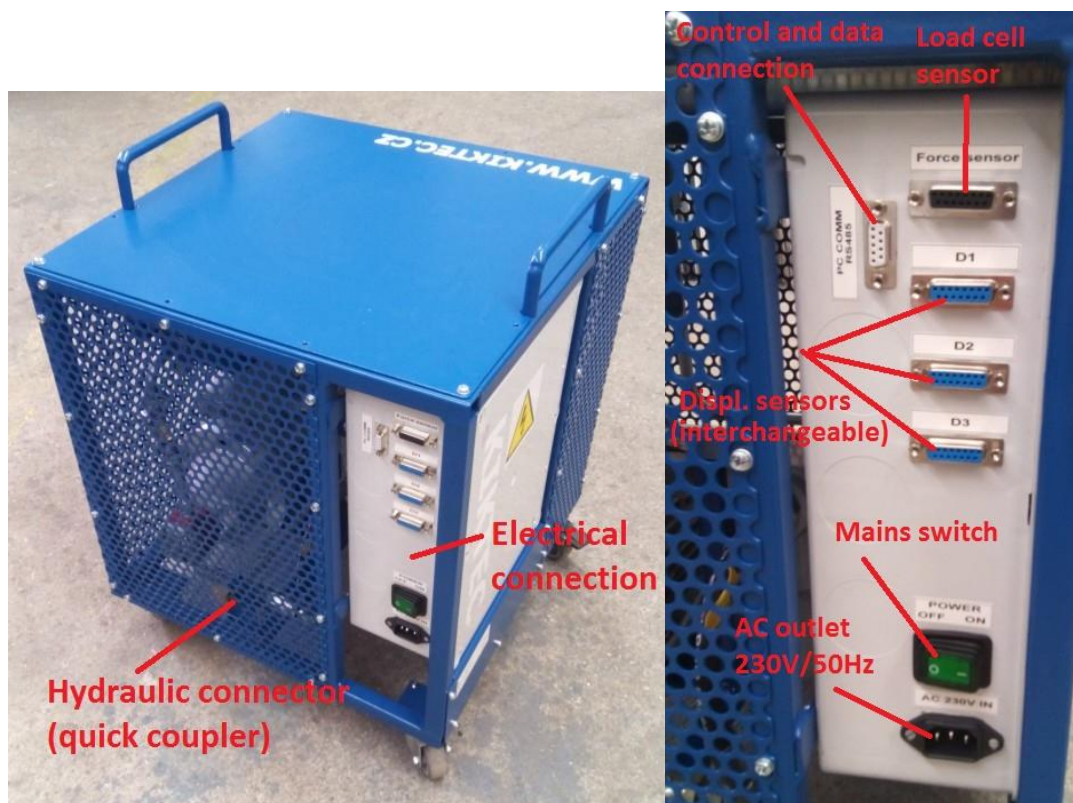


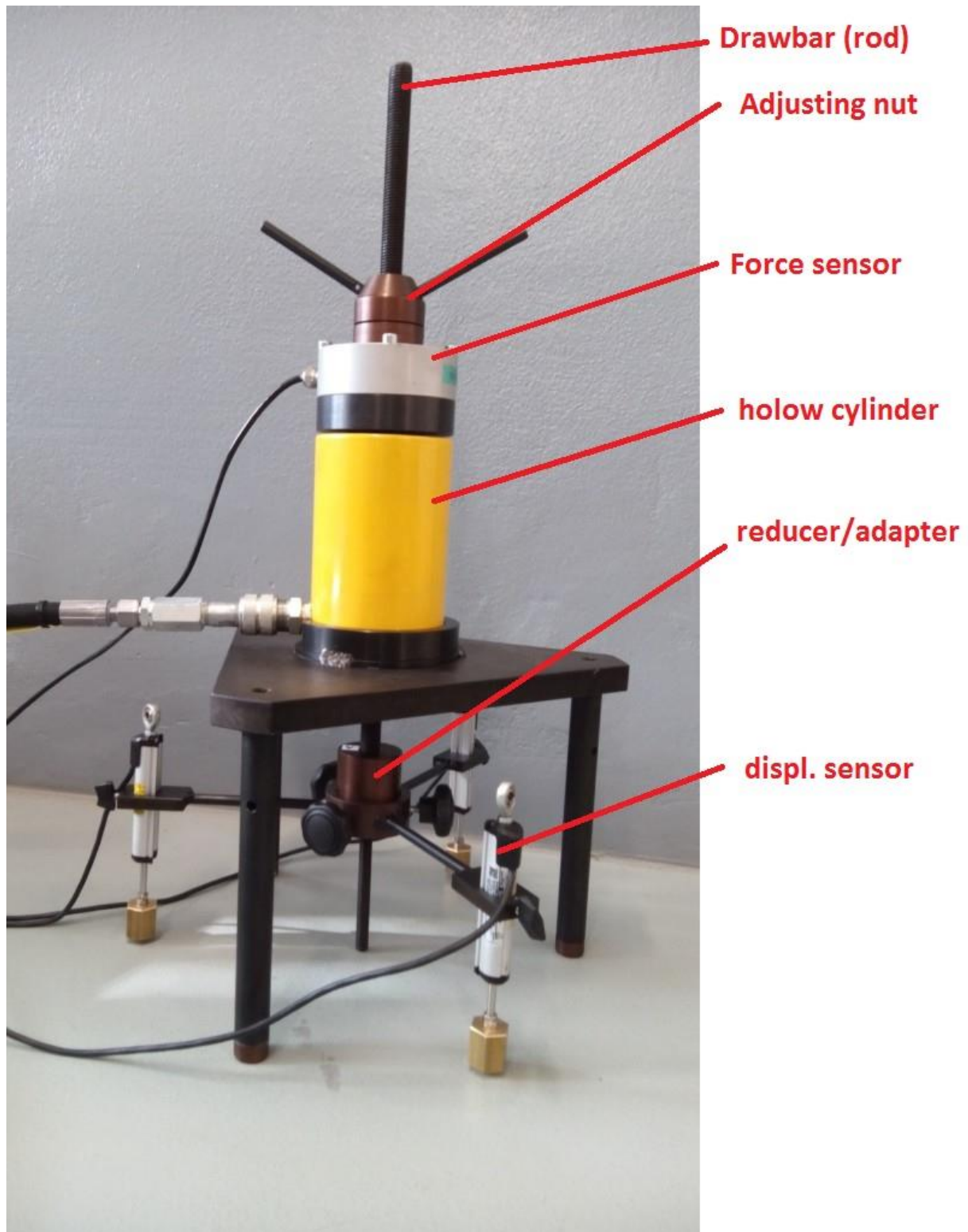
## Anchor pull-out testing equipment – Basic Info



The system consists of driven hydraulic unit HC-17 and two test frames for forces up to 50kN and 135kN. The hydraulic unit also contains a measuring unit with all connections on single panel.



**Setup principle / anchor connection / displacement sensor installation:**



All main components (rod,nut,cell sensor,cylinder) are removable.





All adapters and reducers are made from hardened steel.

## **Basic technical specifications:**

### **Driven hydraulic / measuring unit:**

Dimensions (width x depth x height) (approx.) .....	450mm x 450mm x 530mm
Weight .....	45kg
Electrical connection .....	AC 230V/50Hz plug
Average power consumption .....	< 400 Watt
Operating temperature .....	0°C to 40°C

Oil tank capacity .....	3 liters
Maximum pressure .....	17MPa (170bar)
Peak pressure .....	19MPa (190bar)

Sensors inputs	1x tensometric (bridge) load cell sensor 3x resistive displacement sensor 50mm
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Communication interface / protocol .....	RS 485, KIKNET
Connection to PC .....	USB (via RTD-15 converter - included)

### **Frame 50kN**

Dimensions with all components installed (width / depth x height) (approx.).....	340mm x 600mm
Weight (with all components) .....	25kg
Drawbar / Rod type .....	M16 hardened steel
Anchor adapters .....	M6,M8,M10,M12,M16 (both M/F)
Inner space height .....	200mm
Inner space 2hef .....	147mm
Minimum anchor (male) protruding length .....	30mm
Maximum anchor (male) protruding length .....	120mm

### **Frame 135kN**

Dimensions with all components installed (width / depth x height) (approx.).....	430mm x 800mm
Weight (with all components) .....	70kg
Drawbar / Rod type .....	M27 hardened steel
Anchor adapters .....	M20,M24 (both M/F)
Inner space height .....	300mm
Inner space 2hef .....	150mm
Minimum anchor (male) protruding length .....	50mm
Maximum anchor (male) protruding length .....	120mm