

Bench of static and dynamic balancing

DESCRIPTION

- SEQ 200 bench allows to implement the dynamic effects of an imbalance of tree
- velocity measurement with posting LCD
- variation speed for tests
- teaching manual included.
- Designed, manufactured to industrial standards.
- The didactic interest of the SEQ 200 is directed towards the IUT, schools of engineers and universities in mechanical sections

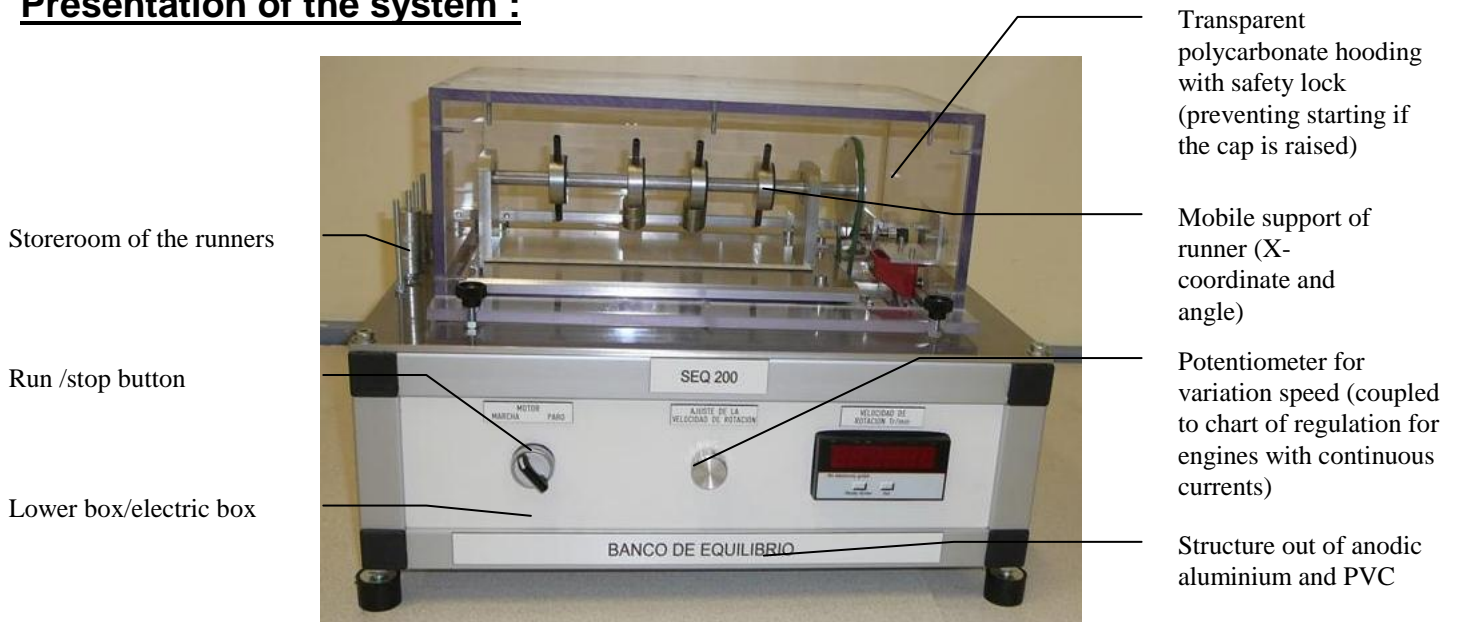


TEACHING APPLICATIONS

- Concept of balancing static
- Comparison of the effects of a static unstable on a dynamic behavior
- Balance

SEQ 200

Presentation of the system :



Technical description :

Structure :

- Frames into shaped anodic aluminium of section 31mm*31mm
- 4 feet adjustable shock absorbers
- Transparent cap maintained closed by 2 knurled nuts.
- Protection by loop of safety coupled with the opening of the cap
- Storeroom of the runners

Electric box :

- Electric box integrated in the lower box
- Desk of integral piloting: go engine stoppage, potentiometer for variation speed and bill-poster number of revolutions
- Disconnecting switch and integrated protections
- Chart of regulation speed for engine with D.C. current
- Stabilized power supply 10A

Revolving part :

- Engine with D.C. current 8A - 8800tr/min with vacuum
- Tree guided by rolls of the dice
- Belt drive toric/pulley
- Tachometer by inductive sensor
- 4 positionable discs according to requirement in X-coordinate and angle equipped with 2 supports threaded for adjustment with position with the runners.
- 24 runners: 8*10g, 8*15g, 4*25g and 4*30g

Utilities, dimensions and weight (kg):

- **Power supply:** 230V single-phase current + neutral 50/60Hz (other on specific request)
- **Dimensions** (L*I*h in mm): 480 X.400 X 310
- **Weight:** 40kg approximately

Various:

- the activities of balancing require the analyzer/balancing SEQ 010 DIDATEC (in complement)
- the vibratory analysis (frequencies and amplitude of the vibrations) of the system can also be realized with any apparatus commercial or apparatus MBP 013 DIDATEC