· Crank drive can be demonstrated either with a fixed or oscillating cylinder

Tesca Crank and Connecting Rod Apparatus is an experimental unit that demonstrates the conversion of smooth rotary motion into reciprocating motion.

The input angle is set on a ball bearing mounted crank disc made of anodized aluminum and read off on an angle measuring scale integrated into the base plate. A millimeter-scale is fitted for the outlet stroke. The crank radius can be adjusted in three positions.

The simple insertion of a bolt enables the swiveling cylinder to be locked, thus a crank drive with either a fixed or oscillating cylinder can be demonstrated.

The components are attached to a solid, painted base plate. Two handles make the unit easier to carry.

Specifications:

- Experimental units on crank drives, with either fixed or swiveling cylinder
- Ball bearing mounted crank disc, anodized aluminum, 3 different crank radio
- Connecting rod black anodized aluminum
- Painted base plate with handles

Technical Specifications:

- Crank radius
  - 25mm
  - 37,5mm
  - 50mm
- Connecting rod length: 150mm

Experiments:

- Crank drive with fixed cylinder
- Crank drive with swiveling cylinder

Scope of Delivery:

- 1 apparatus, complete
- 1 set of instructional material

Note: Specifications are subject to change.

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