

Gear testing machine VPO

The VPO is a simple gear testing machine for the determination of the diametrical size over two balls in one specific plane.

It can be converted in best time and is particularly suitable for the quick measurement of small pieces up to a PCD of 120 mm.

The balls are each mounted on a movable and a fixed carriage. To change the work piece the movable carriage can be retracted with the leverage on the front side.

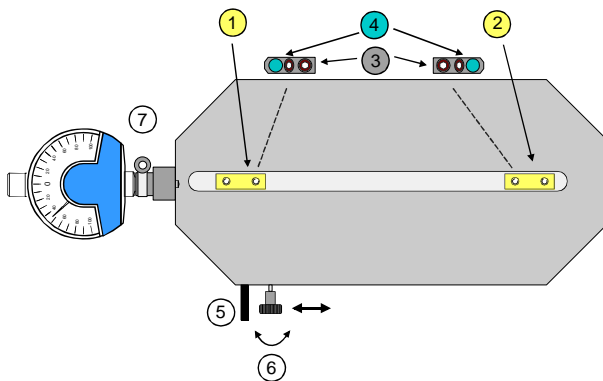
To display the measuring results both a dial indicator and a digital probe can be used.



VPO1



VPO2



| | |
|----|---|
| 1. | Movable carriage |
| 2. | Fixed carriage |
| 3. | Bar holders |
| 4. | Bore for bars |
| 5. | Leverage for the retraction of the carriage |
| 6. | Clamping wheel to set the measuring force and measuring direction |
| 7. | Clamping wheel for dial indicator or digital probe |

| Technical specifications: | VPO1 | VPO2 |
|--|---------------|----------------|
| external gears up to: | 100 mm PCD | 200 mm PCD |
| internal gears up to: | 120 mm PCD | 220 mm PCD |
| measuring force: continuously adjustable up to | 10 N | 10 N |
| dimensions (without bars) | 185x58x180 mm | 340x118x210 mm |
| weight approx.: | 3,3 kg | 11 kg |