Automatic test device with workpiece store

Description:
- Test device for turned parts for measuring outer and inner diameters as well as height dimensions at the same time
- Workpiece feed using buffer store, which is loaded manually
- By using a spring separator, parts are supplied to the tester
- Automatic sorting of good and bad parts by a sorting flap
- Cycle time 5 s
- Buffer store for measured parts with automatic cut-off when it’s clogged

Testing method:
- Altogether, there are 8 pneumatic in-fed inductive measuring probes for following diameters (in mm):
  - D1 = 20.77
  - D2 = 17.98
  - D3 = 10.72
- as well as bore depth:
  - B = 16.9
- and total length:
  - L = 26.9
- Attributive characteristic: existence of a bore by testing the dynamic pressure

Dimensions:
Length x width x height: 1750 x 500 x 1400