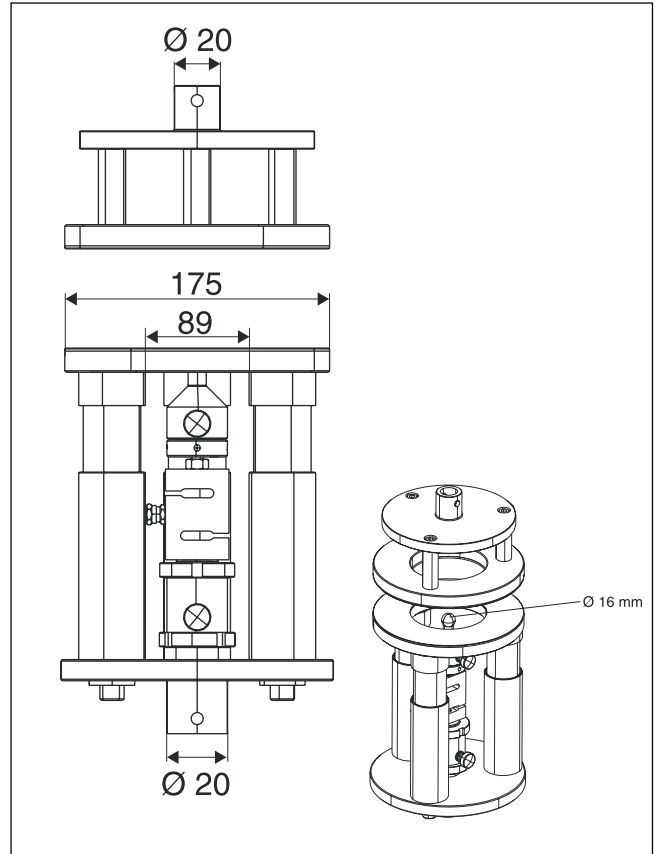


## Product Information

### Penetration tester for tissue



#### Applications area

The penetration test unit is used for tests on tissues similar to DIN EN ISO 12625-9.

#### Advantages/characteristics

- The test unit is a tool which can be simply mounted into, or dismantled from, a Zwick Materials Testing Machine. This makes it possible that one testing machine can be used for two testing purposes (tensile / penetration).
- The clamping via spring force is quick and prevents damage by handling.
- The force-deformation-behaviour is visible via a curve and allows conclusions about the extensibility of the tissue materials.
- The simple mounting and the wide measuring range also allow testing of wet materials.

## Product Information

### Penetration tester for tissue

Order item	070388.00.00 Value	Unit
Penetration test unit for tissue similar to DIN EN ISO 12625-9, for use in a Zwick materials testing machine		
Maximum test force (Fmax)	1	kN
Penetration die		
Diameter	16	mm
Maximum penetration depth	40	mm
Clamping ring		
Outer diameter	175	mm
Inner diameter	89	mm
Surface	rubber smooth	
Clamping	achieved by spring force, 250 ... 1000 N, according to specimen thickness	
Maximum specimen thickness	15	mm
Temperature range	+ 10 ... + 35	°C
Connection diameter upper/lower	20	mm
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