

## Ball Pressure Tester Model 4710

Version 17.1



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The ball pressure test is made on plastic materials to check their resistance to heat. The test specimen is placed in an oven and a weight with a ball-shaped tip is placed onto the test specimen. If the test specimen becomes soft, the ball will make a dent. By measuring the diameter of this dent, the heat resistance of the material can be classified.

### Technical Specification

- Ball radii 2,5 mm
- Total force/weight of 20 N
- The test is made in a heating cabinet (sold separately)
- To be placed on a suitable support (sold separately, see below)

### Optional – Test Specimen Support

- Solid stainless steel cylinder
- Hole for thermocouple (sold separately, see below)
- Diameter app. 50 mm
- Height app. 100 mm

### Optional – Temperature kit

- Thermocouple (Type K) for insertion in test specimen support
- Digital hand held thermometer

### Facts

#### Standard:

IEC 60695-10-2, 60335-1,  
60950, 61010, 60598-1,  
61558-1, 60320-1 Clause 24.1.2  
60601-1  
UL746

#### Components:

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#### Weight:

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#### Dimensions:

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#### Supply

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#### Article numbers:

2047101 – Ball pressure tester  
2047110 – Specimen support  
2047111 – Temperature kit



Ball pressure tester with  
test specimen support  
(optional)



Thermometer  
(optional)