



Schweiz

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# P20

## Pressure resistant crucibles for Differential Scanning heat flux Calorimeters

### PERKIN Elmer

**Simple:** sealing principle (patent N° 695 709) using only two parts allows for smaller sealing pressure and therefore lower mass.

**Reliable:** New construction avoids undesirable surface effects of low viscosity solvents causing difficulties in sealing and artefacts resulting from this.

**Fast:** Low time constants will allow higher heating rates and therefore higher throughput or permit a better signal resolution.

**Improved corrosion resistance:** 10 µm gold coating for improved corrosion resistance

#### Specifications:

Mass	~ 0.9 g
Dimensions (height/diameter)	3 / 7.5 mm
Parts	2
Sealing pressure	~ 4 kN
Maximum operating pressure	100 bar <sup>1)</sup>
Maximum operating temperature	~300°C <sup>1)</sup>
Internal Volume	20 µl
Gold plating	10 µm



1) Measured with water

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