



Schweiz

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Inspire trust.

P20

Pressure resistant crucibles for Differential Scanning heat flux Calorimeters

PERKIN Elmer

Simple: sealing principle using only two parts allows for smaller sealing pressure and therefore lower mass.

Reliable:

The 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 ¹⁾
Maximum operating temperature	~300°C ¹⁾
Internal Volume	20 µl
Gold plating	10 µm



1) Measured with water

Information / Ordering Address:

TÜV SÜD Schweiz AG
Ms. Petra Meier
Mattenstrasse 22
WRO-1055.5.043
CH – 4002 Basel

Fax: +41 58 517 80 21
Email: products.bs@tuvsud.com

Registered Office: Zürich
Trade Register Zürich:
CH-036.3.045.931-7
VAT ID No. CHE-115.162.623

Managing Director:
Stefan Bauer
Chairman of the Board of Directors:
Christoph Schipper

Phone: +41 58 517 80 20
Fax: +41 58 517 80 21
www.tuvsud.com/ch



TÜV SÜD Schweiz AG
Mattenstrasse 22
4002 Basel
Switzerland