



Technical data sheet for tempering beaker made of glass type T und T-GL

Area of application

- Laboratory technique
- Medicinal technique
- Biotechnology
- Chemistry



Tempering beaker type T



Tempering beaker type T-GL

Description of tempering beakers Type T 250 to T 2000

Thermal jacked connection
glass olive

Temperature range
up to + 300°C

Pressures range
pressure max. 0,5 bar in the tempering jacked

Volume
nominal capacity from 0,25 to 2 litres

Description of tempering beakers Type T-GL 250 to T-GL 2000

Thermal jacked connection
Plastic cap with PTFE olive

Temperature range
up to + 120°C

Pressures range
pressure max. 0,5 bar in the tempering jacked

Volume
nominal capacity from 0,25 to 2 litres

Description of glass Dewar flask

Material

- borosilicate glass 3.3 ISO 3585

Chemical characteristics

- hydrolytic resistance: according to ISO 719 (98°C)
- hydrolytic resistance: according to ISO 720 (121°C)
- acid resistance: according to ISO 1776
- alkaline resistance: according to ISO 695-A2

Physical characteristics

- linear expansion coefficient: $3,3 \times 10^{-6} 1/K$
(in between 20-300°C)
- density: $2,23 \text{ g/cm}^3$
- specific thermal capacity: 910 J/kg K
- transformation temperature: 525°C

KGW - ISOTHERM

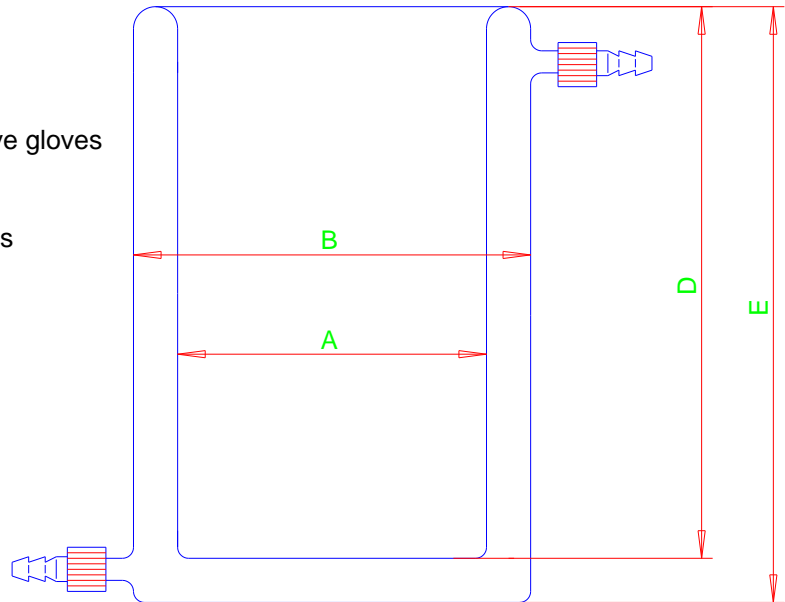
Karlsruher Glastechnisches Werk
76185 Karlsruhe Gablonzerstraße 6
Tel: 0721 95897-0 Fax: 0721 95897-77
E-Mail: info@KGW-ISOTHERM.COM
Internet: www.KGW-ISOTHERM.COM



Technical data sheet for tempering beaker made of glass type T und T-GL

Safety advises and regulations

- always wear protective glasses and protective gloves
- national regulations for laboratories
- company - internal regulations
- safety regulations for handling with hot liquids



Temperiing beaker type T-GL

Measurements data

Typ	max. Inhalt	A	B	D	E	Gewicht
Type	max. Content					Weight
	ca. [ml]	mm	mm	mm	mm	ca. [kg]
T 250	250	55	70	115	120	1,6
T 600	600	77	95	135	150	3,1
T 2000	2000	112	135	200	210	4,4

Order data

Typ	Artikel Nr.	D.a.	Typ	Artikel Nr.	Gewinde GL	D.a.
Type	Article No.	Olive	Type	Article No.	screw GL	PTFE-Olive
T 250	1351	12mm	T - GL 250	1355	14	9mm
T 600	1352	12mm	T - GL 600	1356	14	9mm
T 2000	1353	12mm	T - GL 2000	1357	18	11mm