

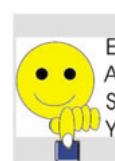
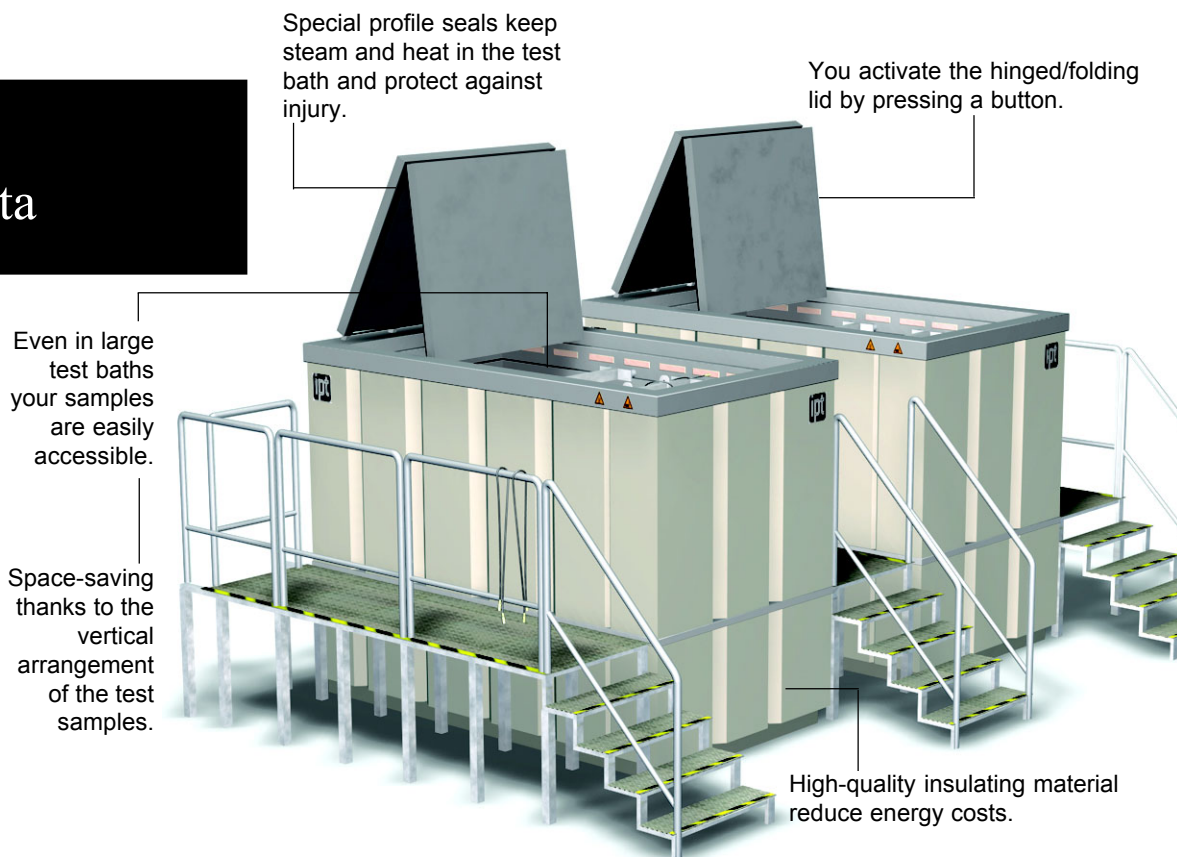
Test Baths for Pipe Testing

1584 - 1590

Inside Dimensions from 1000 x 500 mm to 4000 x 2000 mm
Water Depth from 800 mm to 2200 mm



IptData



Test baths which deliver what you promise yourself

You expect temperature constancy in the test bath

A special circulation system, combined with a temperature controller, ensures high accuracy for a homogenous temperature distribution in the entire test bath and a time constancy of $\pm 0.3^{\circ}\text{C}$. All test samples are tested under the same conditions and with extremely low energy consumption – an Ipt standard.

You want a high level of operating safety

Ipt test baths are equipped with optional overtemperature protection and all electrical safety facilities as outlined in the VDE regulations.

You want convincing quality in the case of major investments

Ipt supplies you with high-quality materials which are conform to the state of the art. At the same time, you enjoy close consultation and comprehensive service.

And you always remain flexible, because you can furnish these baths at any time with manifolds or additional test sample connections.

ipt

The right solution for every laboratory



You determine the water depth and the internal area of your test bath from the dimensions of your test samples. The currently available standard models, arranged according to inside dimensions, can be found in the table opposite.



Even the high test baths can be loaded conveniently by using stairs and platforms.



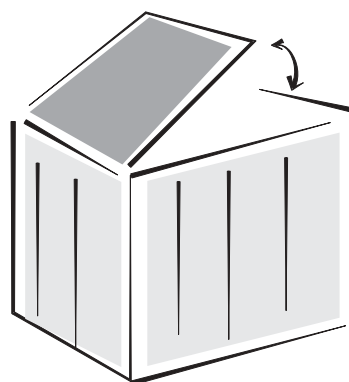
Thanks to the variety of lid types, baths can be set up when there is limited room height.



You enjoy flexibility when loading your test samples, thanks to movable suspension rails and a number of variants for the manifolds which can also be furnished later on.

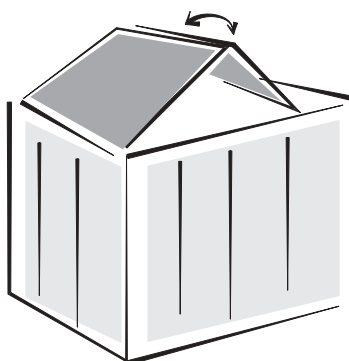
Test baths with L_i of 1.0 m, 1.1 m, 1.6 m

Hinged lid



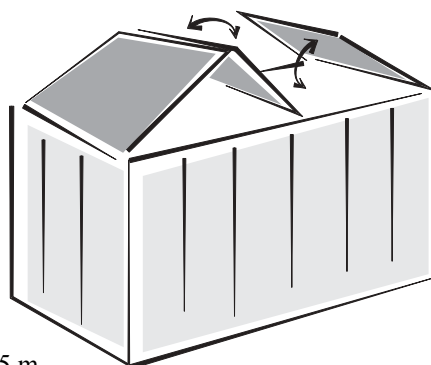
Test baths with L_i of 1.5 to 2.0 m

Folding lid



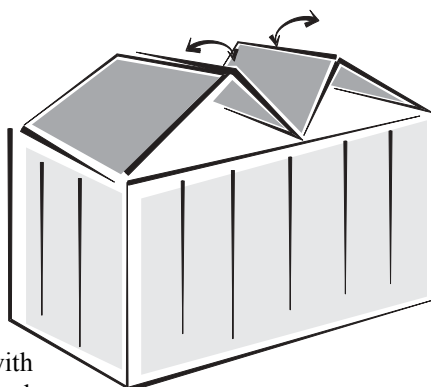
Test baths with L_i of 2.5 m

Combination of hinged and folding lid



Test baths with L_i of 3.0 m and more

Combination of two folding lids



SPECIFICATIONS

Dimensions

Let us know your test requirements and we'll find with you the test bath you actually need.

Bold model numbers = this is Standard in the program of Ipt

Modell	WD	L _{in}	B _{in}	L _{out}	B _{out}	H ₁	H ₂	Manifold	kW	Rails
1584.0351 ^{b)}	800	1100	500	1480	930	1210	1840	4+1+1	3,5	2
1584.0352 ^{b)}	800	1600	500	1980	930	1210	1840	6+1+1	3,5	3
1584.0311	800	1000	1000	1630	1380	1210	2490	3+3+4	9	2
1584.0312	800	1500	1000	2130	1380	1210	2090	5+5+4	9	3
1584.0313	800	2000	1000	2630	1380	1210	2330	7+7+4	9	3
1585.0361 ^{b)}	1000	1100	700	1480	1130	1410	2270	4+2+2	3,5	2
1585.0362 ^{b)}	1000	1600	700	1980	1130	1410	2270	6+2+2	3,5	3
1585.0311	1000	1000	1000	1630	1380	1410	2690	3+3+4	9	2
1585.0312	1000	1500	1000	2130	1380	1410	2290	5+5+4	9	3
<i>1585.0313</i>	1000	2000	1000	2630	1380	1410	2530	7+7+4	9	3
1585.0337	1000	4000	2000	5030	2380	1410	2490	0+0+0	0	0
1586.0311	1300	1000	1000	1630	1380	1710	2990	3+3+4	9	2
1586.0312	1300	1500	1000	2130	1380	1710	2590	5+5+4	9	3
1586.0313	1300	2000	1000	2630	1380	1710	2830	7+7+4	9	3
1586.0323	1300	2000	1500	2630	1880	1710	2830	7+7+6	18	3
<i>1586.0324</i>	1300	2500	1500	3380	1880	1710	2670	9+9	18	4
<i>1586.0325</i>	1300	3000	1500	3880	1880	1710	2540	11+11	18	4
<i>1586.0335</i>	1300	3000	2000	3980	2380	1710	2540	11+11	27	4
<i>1586.0337</i>	1300	4000	2000	5030	2380	1710	2790	15+15	36	5
1587.0311	1600	1000	1000	1680	1480	2010	3290	3+3+4	9	2
1587.0312	1600	1500	1000	2180	1480	2010	2890	5+5+4	9	3
1587.0313	1600	2000	1000	2680	1480	2010	3130	7+7+4	18	3
1587.0314	1600	2500	1000	3380	1480	2010	2970	9+9	18	4
1587.0323	1600	2000	1500	2680	1980	2010	3130	7+7+6	18	3
1587.0324	1600	2500	1500	3380	1980	2010	2970	9+9	18	4
1587.0325	1600	3000	1500	3980	1980	2010	2840	11+11	27	4
<i>1587.0327</i>	1600	4000	1500	4980	1980	2010	3090	15+15	36	5
1587.0333	1600	2000	2000	2830	2480	2010	3130	7+7+8	27	3
<i>1587.0335</i>	1600	3000	2000	3980	2480	2010	2840	11+11	36	4
<i>1587.0337</i>	1600	4000	2000	5030	2480	2010	3090	15+15	45	5
1588.0323	1800	2000	1500	2680	1980	2210	3330	7+7+6	18	3
<i>1588.0324</i>	1800	2500	1500	3480	1980	2210	3170	9+9	27	4
<i>1588.0325</i>	1800	3000	1500	3980	1980	2210	3040	11+11	27	4
<i>1588.0327</i>	1800	4000	1500	4980	1980	2210	3290	15+15	36	5
<i>1588.0333</i>	1800	2000	2000	2780	2480	2210	3330	7+7+8	27	3
<i>1588.0335</i>	1800	3000	2000	3980	2480	2210	3040	11+11	36	4
1588.0337	1800	4000	2000	5030	2480	2210	3290	15+15	45	5
<i>1589.0335</i>	2000	3000	2000	4060	2560	2410	3240	11+11	36	4
<i>1589.0337</i>	2000	4000	2000	5060	2560	2410	3490	15+15	54	5
<i>1590.0337</i>	2200	4000	2000	5060	2560	2610	3690	15+15	54	5

Legende:

WD = Water depth
 L_{in} = Length inside
 W_{in} = Width inside

L_{out} = Length outside
 W_{out} = Width outside
 H₁ = Height outside
 H₂ = Total height with open lid

a) Depending on the model, the usable area of the test tank is reduced (6 to 14%) by the heating tank and circulation piping.

b) Hinges at the rear

SPECIFICATIONS

Test Bath



Temperature range	19 - 96 °C, adjustable in steps of 0.1 °C via Temperature Control Unit 1376
Regulating accuracy	± 0.025 °C
Temperature constancy	± 0.3 °C with regard to space and time
Level compensation	automatic
Connections	
Power	230/400 V, 50 Hz (other voltage and frequency upon request) heating power (see table) additionally 0.5 to 1.0 kVA for pump and control; constructed in accordance to VDE 0100; protective class of switch box: IP 55
Water	G ¾ inch external; min. 2 bar, max. 8 bar
Drain	G 1¼ inch internal
Monitoring of events	Data transfer via interface of the temperature control using IptDtatLogging®
Scope of delivery	Movable suspension rails (amount indicated in table)
Optional	<ul style="list-style-type: none">■ Manifolds to connect the test samples in different variations■ Connecting hoses DN 5 in different length with snap-on couplings for temperatures up to 60/130 °C■ Plug connectors, blind couplings■ Specimen hooks for suspension rails■ Stairs and platforms■ Chillers

QUALITY & SERVICE

Quality control	Units are subject to a rigid quality control with check routine and delivered from the factory completely assembled.
Scope of performance	<ul style="list-style-type: none">■ Ready-to-operate installation with acceptance at the client's plant (optional)■ Illustrated and clear manual
Service	<ul style="list-style-type: none">■ Training and instruction■ Maintenance and after-sales service <p>For a complete range of service work please contact the Ipt Service GmbH Tel.: + 49 (0) 82 37 / 966 - 450</p>



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**Professional test procedures require professional equipment.
Discuss your solutions with your Ipt adviser.**