

TPT CHAMBER 5

DATASHEET R1-TPT5-1019

FEATURED CHAMBER

HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	2,500mm
Internal chamber length	4,500mm
Maximum pressure rating	450 bar/6,526 psi
Working temperature	Ambient to -2°C
Maximum water depth	4,500m
Chamber orientation	Horizontal

CHAMBER PENETRATIONS

As part of our service offering we can design and machine bespoke chamber connections to meet our customers' testing requirements. Our chambers can make electrical, hydraulic, mechanical and data connections.

Number	Size (inches)	Size (mm)
10	Ø3.75	Ø95
3	Ø7.87	Ø200

Tyne Pressure Testing customers have access to the following range of services and benefits, in addition to their selected testing service:

- Complimentary use of customer offices, breakout areas and conferencing facilities
- Remote access to chambers within our technical control room
- Access to multi-chamber testing to reduce lead times
- Independent facilities hire or full turnkey service
- Logistics and storage
- Research from one of the UK's leading universities

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FULL ELECTRONIC
REPORT OF ALL TEST
DATA



FULLY
AUTOMATED
CHAMBER



BESPOKE
PENETRATIONS
(ELECTRICAL, MECHANICAL,
HYDRAULIC AND DATA)



24 HOUR TURNKEY
OR INDEPENDENT
TESTING



SUBSEA CAMERAS
FOR LIVE VIDEO
FEEDBACK



IDEAL FOR
TESTING LARGE
COMPONENTS

TPT CHAMBER 1

DATASHEET R1-TPT1-1019



HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	870mm
Internal chamber length	3,000mm
Maximum pressure rating	300 bar/4,351 psi
Working temperature	Ambient
Maximum water depth	3,000m
Chamber orientation	Vertical

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CHAMBER PENETRATIONS

As part of our service offering we can design and machine bespoke chamber connections to meet our customers' testing requirements. Our chambers can make electrical, hydraulic, mechanical and data connections.

Number	Size (inches)	Size (mm)
8	Ø2.25	Ø57
1	Ø7.87	Ø200

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**EQUIPPED WITH
EXTERNAL ROV
(CLASS FOUR TORQUE
RECEPTAL)**



**BESPOKE
PENETRATIONS
(ELECTRICAL, MECHANICAL,
HYDRAULIC AND DATA)**



**24 HOUR TURNKEY
OR INDEPENDENT
TESTING**



**SUBSEA CAMERAS
FOR LIVE VIDEO
FEEDBACK**



**IDEAL FOR GATE
VALVES, BUOYANCY
AND SUBSEA PODS**

TPT CHAMBER 2

DATASHEET R1-TPT2-1019



HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	1,380mm
Internal chamber length	3,000mm
Maximum pressure rating	100 bar/1,450 psi
Working temperature	Ambient
Maximum water depth	1,000m
Chamber orientation	Vertical

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CHAMBER PENETRATIONS

As part of our service offering we can design and machine bespoke chamber connections to meet our customers' testing requirements. Our chambers can make electrical, hydraulic, mechanical and data connections.

Number	Size (inches)	Size (mm)
12	Ø2.25	Ø57
3	Ø7.87	Ø200

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TESTING**



**ACCESS TO
RESEARCH FROM
NEWCASTLE UNI**



**IDEAL FOR TESTING
GATE VALVES AND
ACTUATORS**

TPT CHAMBER 3

DATASHEET R1-TPT3-1019

HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	900mm
Internal chamber length	3,500mm
Maximum pressure rating	150 bar/2,175 psi
Working temperature	Ambient
Maximum water depth	1,500m
Chamber orientation	Horizontal

Tyne Pressure Testing customers have access to the following range of services and benefits, in addition to their selected testing service:

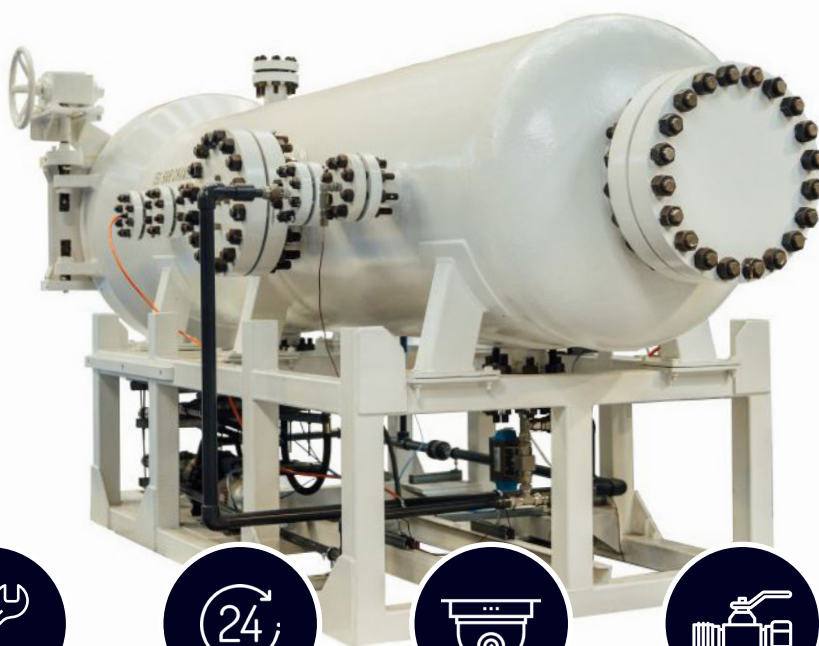
- Complimentary use of customer offices, breakout areas and conferencing facilities
- Remote access to chambers within our technical control room
- Access to multi-chamber testing to reduce lead times
- Independent facilities hire or full turnkey service
- Logistics and storage
- Research from one of the UK's leading universities

CHAMBER PENETRATIONS

As part of our service offering we can design and machine bespoke chamber connections to meet our customers' testing requirements. Our chambers can make electrical, hydraulic, mechanical and data connections.

Number	Size (inches)	Size (mm)
5	Ø2.00	Ø51
1	Ø10.12	Ø257
1	Ø12.00	Ø304

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50 TONNE
OVERHEAD
LIFTING CAPACITY



BESPOKE
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HYDRAULIC AND DATA)



24 HOUR TURNKEY
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SUBSEA CAMERAS
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FEEDBACK



IDEAL FOR TESTING
BALL VALVES AND
ACTUATORS

TPT CHAMBER 4

DATASHEET R1-TPT4-1019



HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	490mm
Internal chamber length	800mm
Maximum pressure rating	300 bar/4,351 psi
Working temperature	Ambient
Maximum water depth	3,000m
Chamber orientation	Vertical

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CHAMBER PENETRATIONS

As part of our service offering we can design and machine bespoke chamber connections to meet our customers' testing requirements. Our chambers can make electrical, hydraulic, mechanical and data connections.

Number	Size (inches)	Size (mm)
1	Ø5.00	Ø125

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**IDEAL FOR
TESTING SMALL
COMPONENTS**

TPT CHAMBER 6

DATASHEET R1-TPT6-1019

HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	1,100mm
Internal chamber length	6,500mm
Maximum pressure rating	600 bar/8,702 psi
Working temperature	Ambient
Maximum water depth	6,500m
Chamber orientation	Vertical

CHAMBER PENETRATIONS

As part of our service offering we can design and machine bespoke chamber connections to meet our customers' testing requirements. Our chambers can make electrical, hydraulic, mechanical and data connections.

Number	Size (inches)	Size (mm)
3	9/16 Autoclave	N/A

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ACCESS TO
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NEWCASTLE UNI



IDEAL FOR
TESTING LONG
COMPONENTS

TPT CHAMBER 7

DATASHEET R1-TPT7-1019



HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	360mm
Internal chamber length	850mm
Maximum pressure rating	1,500 bar/21,755 psi
Working temperature	Ambient
Maximum water depth	15,000m
Chamber orientation	Vertical

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CHAMBER PENETRATIONS

As part of our service offering we can design and machine bespoke chamber connections to meet our customers' testing requirements. Our chambers can make electrical, hydraulic, mechanical and data connections.

Number	Size (inches)	Size (mm)
2	HP Autoclave	N/A

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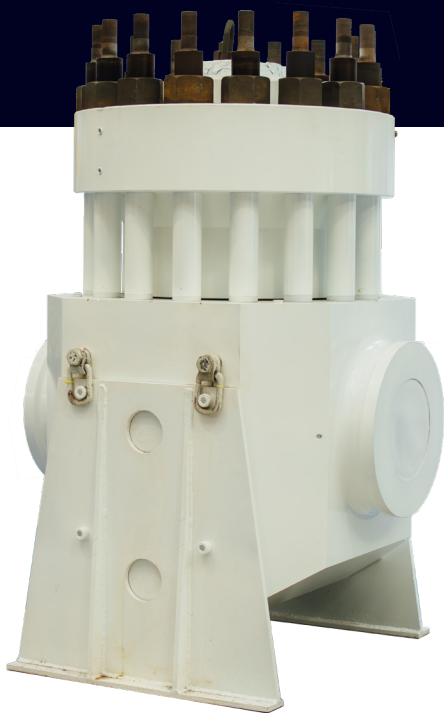
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IDEAL FOR TESTING
HIGH PRESSURE
COMPONENTS

TPT CHAMBER 8

DATASHEET R1-TPT8-1019



HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	290mm
Internal chamber length	1,480mm
Maximum pressure rating	1,500 bar/21,755 psi
Working temperature	Ambient
Maximum water depth	15,000m
Chamber orientation	Vertical

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CHAMBER PENETRATIONS

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Number	Size (inches)	Size (mm)
2	HP Autoclave	N/A

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TPT CHAMBER 9

DATASHEET R1-TPT9-1019



HYPERBARIC CHAMBER SPECIFICATIONS

Internal chamber diameter	100mm
Internal chamber length	670mm
Maximum pressure rating	1,000 bar/14,503 psi
Working temperature	Ambient
Maximum water depth	10,000m
Chamber orientation	Vertical

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Number	Size (inches)	Size (mm)
2	HP Autoclave	N/A

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