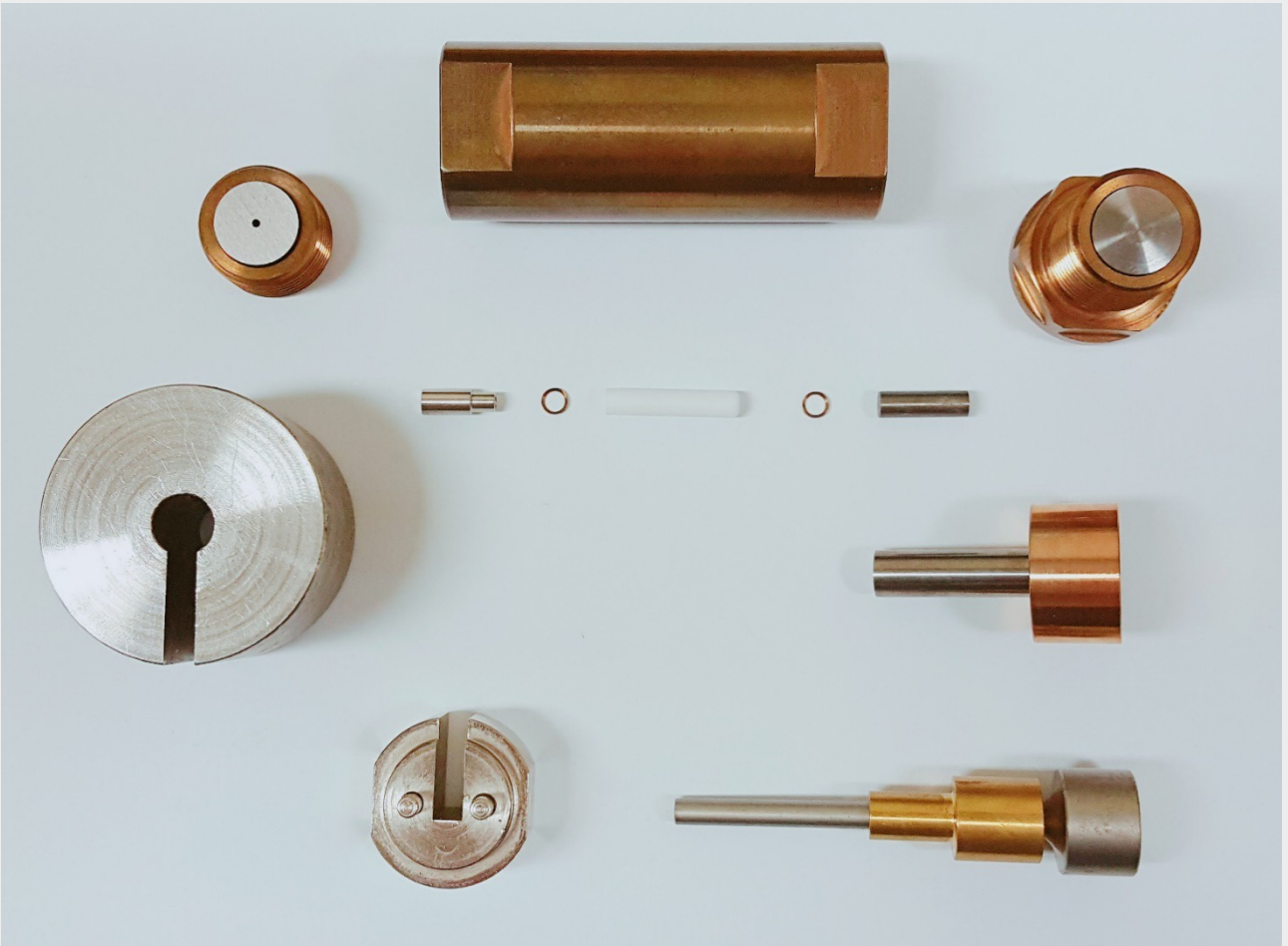




KimTech High Pressure Cell : Oil Clamp Type



1



2



3



4



5



6



7



8



9



10



11



KimTech High Pressure Cell

(Oil Clamp Type for PPMS™ or other Cryostats)

Product name	KimTech High Pressure cell (for PPMS™ or other Cryostats)
Inner diameter size	4 mm
Hybrid cylinder size	OD 25 mm × height 62 mm
Hybrid cylinder material	CuBe & NiCrAl
Sample tube material	Teflon
Obturator material	CuBe (KTO3) / NiCrAl (KTO4)
Parts of high pressure oil cell	<ol style="list-style-type: none">1. Lower screw2. Hybrid cylinder3. Upper screw4. Pedestal5. Obturator6. Ring7. Piston8. Teflon tube9. Push rod10. Removal rod11. Clamp jig12. Bottom adaptor for a PPMS puck13. Sn, Pb, and Mn manometers14. Daphne 7373 Oil (~80 ml)

- Both KTO3 & 4 have an outer diameter of 1 inch, which fits into the PPMS
- KTO3 aims a maximum pressure up to 3 GPa
- KTO4 aims a max pressure up to 4 GPa
- Other types of oil cells with different diameters can be also fabricated per order.
- Diamond anvil cells for Optics, XRD, and transport can be fabricated per order.
- The PPMS puck can be ordered as an option or customers can provide their own.
- For details, please contact : RNDWARE, tweom@rndware.com