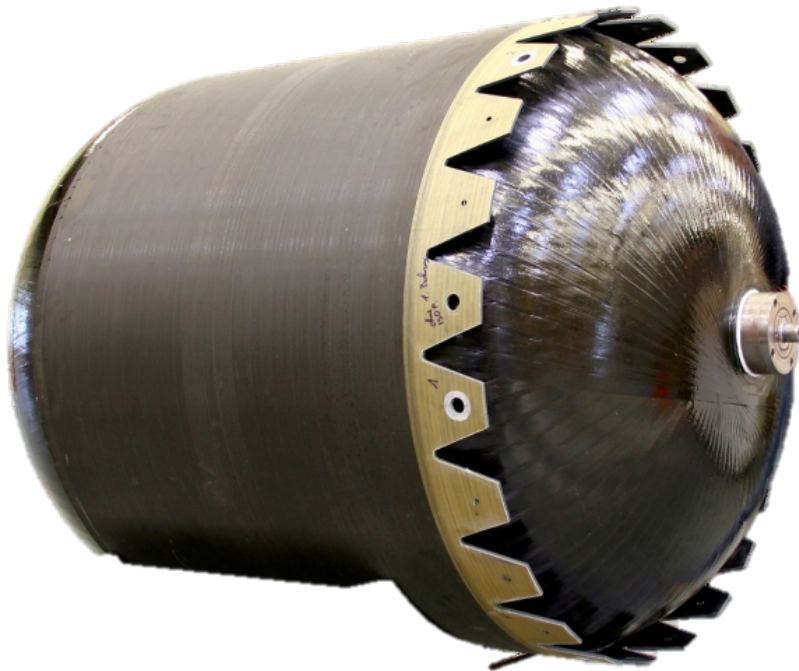


PT-740

Bi-propellant PMD Tank – Design MT



Heritage	-	
Fluids	MMH / MON	
Pressurant Gas	He	
Propellant Management	-	
Materials	Shell	Ti-6Al-4V
	Tube	Ti-3Al-2.5V
	Diaphragm	-
	Overwrap	Epoxy-based CFRP / T800
Mounting interface	equatorial skirt	
Total Volume	740 l	45.158 in ³
Fluid Volume	??	
Temperature Range	-32 / +70 °C	-25,6 / +158 °F
Tank Dry Mass	32,0 kg	70,5 lbs
Diameter	1.144,0 mm	45,04 in
Length	970,0 mm	38,19 in
MEOP*	22,0 bar	319 psi
Proof pressure (x 1,50)	33,0 bar	479 psi
Burst pressure (x 2,00)	44,0 bar	638 psi
Burst pressure tested	bar	psi

* Maximum Expected Operating Pressure

