

NC Thermal Valve Material List and Assembly Instruction

Structural Parts

Name	Model	Process Suggestions
Body	Body H25mm Window.stl	3D print
Lid	Lid Valve.stl	3D print
Heat Sink	W 14mm, L14mm, H 10mm	
Tube	Mcmaster-5234K93	
Membrane	Mold-t2-a75-up.stl Mold-a75-dwon.stl	Cast, Smooth-on Mold Star 30
U Connector	U-Connector.stl	3D print
Excoskeleton	Exoskeleton 1.stl, Exoskeleton 2.stl	3D print
Plug		

Working Medium

Low boiling point liquid: Novec family, acetaldehyde, 1,2-Butadiene, etc. Must check the SDS and handle them accordingly

Assemble Instruction

