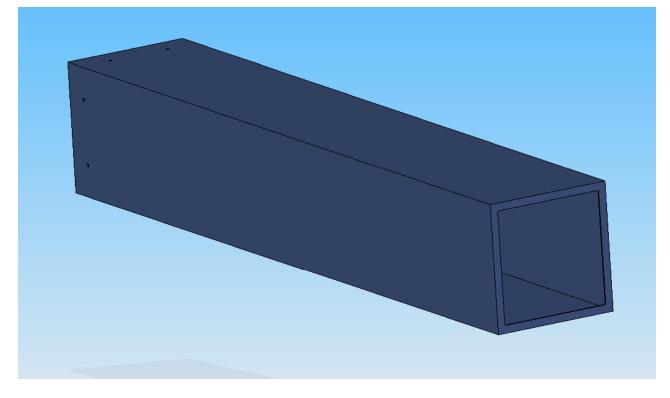


Aluminium Box

Machining method.
Buy std Al extrusion
Machine outside.
Use spark erosion for internal profile.

Fabrication method.
Make 2 L shapes and weld together.
HAZ
Tack or Stitch.
Varying thickness on edge



Bonding method.
Make 2 L shapes and bond together.
Varying thickness on edge
May be issues with conductivity between plates

Should the part be allochromed?

Status

Name	Description	QT	M	0	R :	€ EST	€ TOT	€ ACT	€ ACT	NOTES	ORDER	EXP DEL
np52-01-01	AIDA Top level		+	+	+							
np52-01-189	Rear window mounting flange	1	\vdash	+	\vdash					Modifying this area.		
np52-01-163	location pin	4			\vdash					Sent to Edinburgh workshop	08/06/2009	
np52-01-173	8mm bore gas inlet	1			\vdash					4 required. Sent to Edinburgh workshop	08/06/2009	
np52-01-174	8mm bore gas inlet gasket	1			\vdash					4 required. Sent to Edinburgh workshop	08/06/2009	
np52-01-182	2.3mm bore gas inlet	4			\vdash					Sent to Edinburgh workshop	08/06/2009	
np52-01-190	2.3mm bore gas inlet gasket	4			\vdash							
np52-01-191	Stainless housing	1			\vdash					Modifying this part		
np52-01-24	support pipes	2	+	+	\vdash					2 required (handed) - bore may change due to std titanium pipe		
np52-01-06	end stop	1	++	+	\vdash					2 required - bore may change due to std titanium pipe		
np52-01-13	titanium pipe	1	+	+	\vdash					2 required - dims may change due to std titanium pipe		
np52-01-19	pipe bracket	1	+	+	\vdash					2 required - dims may change due to std titanium pipe		\vdash
np52-01-26	plug	1	++	+	\vdash					2 required - dims may change due to std titanium pipe	_	
np52-01-25	support pipes	2	+	+	\vdash					2 required (handed) - bore may change due to std titanium pipe		
np52-01-06	end stop	1	\vdash	+	\vdash					2 required - bore may change due to std titanium pipe		
np52-01-13	titanium pipe	1	++	+	+					2 required - dims may change due to std titanium pipe		
np52-01-19	pipe bracket	1	+	+	+					2 required - dims may change due to std titanium pipe 2 required - dims may change due to std titanium pipe		+
np52-01-26	plug	1	++	+	\vdash					2 required - dims may change due to std titanium pipe		
np52-01-196	sealing gasket	2			\vdash					Sent to Edinburgh workshop	08/06/2009	\vdash
np52-01-20-1	Silicon assembly	10			\vdash					out to Edinburgh Horizonop		
np52-01-20-1	Silicon crystal	1	++	+	\vdash							1
np52-01-22	PCB surround	1	+	+	+							
kap-1-top	Kapton cable on top	1	++	+	\vdash							
kap-1-side	Kapton cable on top	1	++	+	\vdash							
np52-01-08	Silicon assembly spacers	36	++	+	₩					36 required - bore may change due to std titanium pipe		
np52-01-06	Window gasket	1		+	\vdash					Sent to Edinburgh workshop	08/06/2009	
np52-01-60	Window gasket Window support frame	1			\vdash					Selik to Edilibatgh workshop	0010012003	
np52-01-60	Inner window support frame	1	++		₩					Sent to Edinburgh workshop	08/06/2009	-
np52-01-59	mylar foil	1			₩					Seric to Edinburgh workshop	0010012003	
np52-01-197	Connecting pipes	4	\vdash		₩							-
np52-01-194	Main housing	1			₩					This was bring modified		
•			++	+	₩					This area bring modified		
np52-01-188	Mylar window	1	\vdash	\perp	₩							
np52-01-193	aluminium box		-		₩					This can be in a second of		
np52-01-195	plastic flange	1	\vdash		₩					This part being modified	0010010000	
np52-01-170	earthing cable assy	1	-	-	₩					Sent to Edinburgh workshop	08/06/2009	
np52-01-181	Rear window assembly	1	\vdash		₩							
np52-01-180	Rear window flange	1	+		\vdash					Contra Ediatorali contrata	0010010000	
np52-01-198	Rear window flange	1	+		\vdash					Sent to Edinburgh workshop	08/06/2009	
np52-01-199	Mylar foil	1	\vdash	\vdash	\vdash					Contro Edictoral control on	0010010000	
np52-01-183	Rear window gasket	1	+		\vdash					Sent to Edinburgh workshop	08/06/2009	
np52-01-54	Nylon bag assembly	1	+		\vdash					Need to find bag with these dims		
np52-01-55	Nylon flange	1	+		\vdash					Need to find bag with these dims	8	
np52-01-56	Nylon bag	1	\vdash	\perp	\vdash					Cash to Edinburgh work shop	08/06/2009	
np52-01-175	Cable clamp	4	\vdash		\vdash					Sent to Edinburgh workshop	08/06/2009	
	A		\vdash	+	\vdash							
np52-01-320	Assembly tooling	1	++	+	\vdash							
np52-01-322	Clamping collar	1	\vdash	\perp	\vdash							
np52-01-321	Sidepiece assy	2	\vdash	\perp	\vdash							
np52-01-323	Sidepiece	1	\vdash	\perp	\vdash							
np52-01-324	dowel	2			Ιİ							1

Plan

