Acuity®

The Acuity AR700 C-Frame is designed to mount two AR700 sensors in opposition to take easy and accurate thickness measurements.
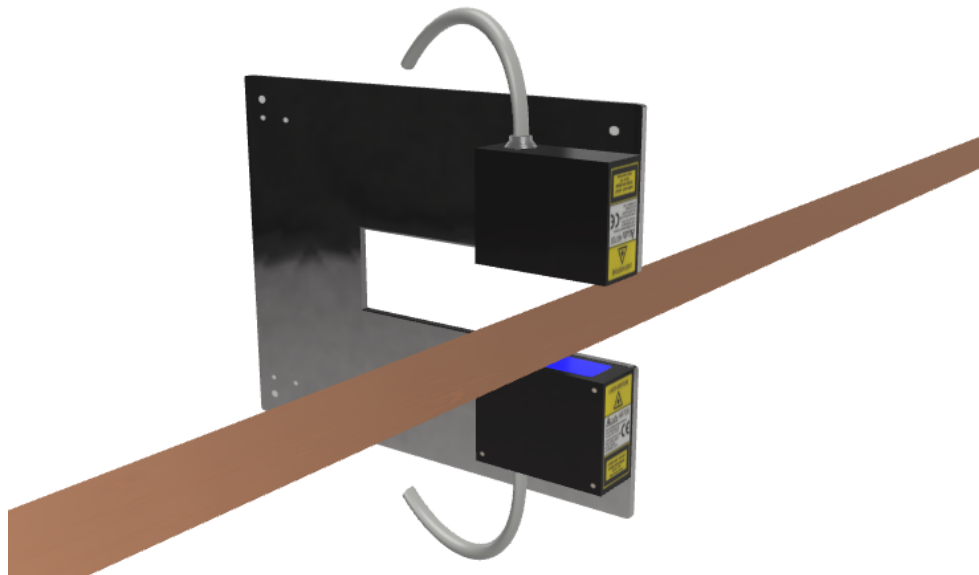
AR700 C-Frame Information

The AR700 C-Frame is a precisely manufactured frame designed to mount two Acuity AR700 sensors in opposition to measure thickness of material easily and precisely. The C-Frame comes with M3 and M6 threaded mounted holes to both mount the sensors and mount to another piece of hardware. The C-Frames are available for AR700 sensors with ranges from 1/8 inches to 4 inches.
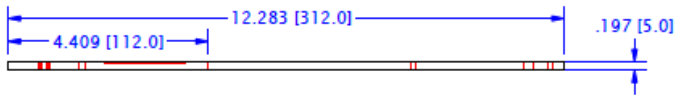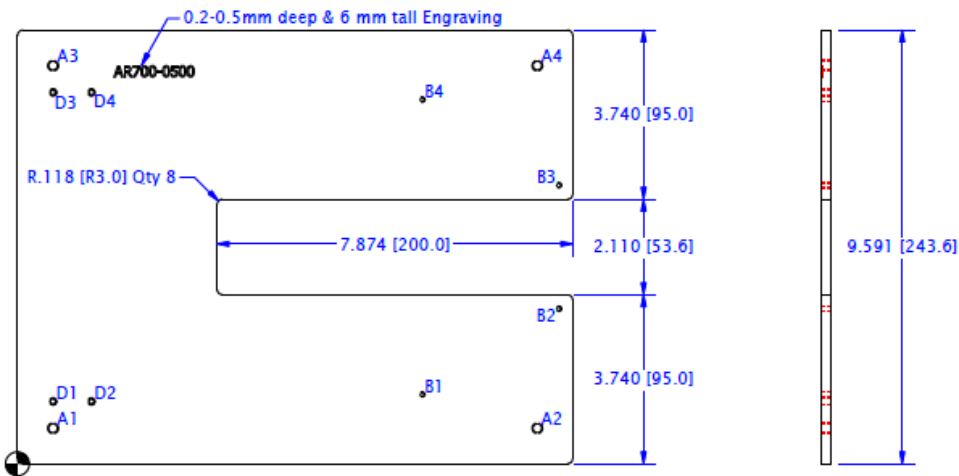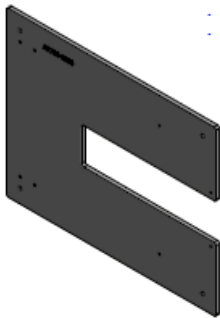

AR700 C-Frame Application Example

Mechanical Specs

Example: For AR700-0500 sensors

0.2-0.5mm deep & 6 mm tall Engraving

AR700-0500

3.740 [95.0]

R.118 [R3.0] Qty 8

7.874 [200.0]

2.110 [53.6]

9.591 [243.6]

3.740 [95.0]

12.283 [312.0]

4.409 [112.0]

.197 [5.0]

Note -
- Clean threads after Anodizing
- Engraving and holes C1 to C4 (if shown) cover while anodizing

Hole Table			
HOLE	XDIM	YDIM	DESCRIPTION
A1	20.000 mm	20.000 mm	M6x1 - 6H ▽ 12.000
A2	292.000 mm	20.000 mm	M6x1 - 6H ▽ 12.000
A3	20.000 mm	223.600 mm	M6x1 - 6H ▽ 12.000
A4	292.000 mm	223.600 mm	M6x1 - 6H ▽ 12.000
B1	227.400 mm	39.000 mm	M3x0.5 - 6H ▽ 6.000
B2	304.100 mm	87.100 mm	M3x0.5 - 6H ▽ 6.000
B3	304.100 mm	156.500 mm	M3x0.5 - 6H ▽ 6.000
B4	227.400 mm	204.600 mm	M3x0.5 - 6H ▽ 6.000
D1	20.000 mm	35.000 mm	8-32 UNC - 2B ▽ 8.331
D2	41.530 mm	35.000 mm	8-32 UNC - 2B ▽ 8.331
D3	20.000 mm	208.600 mm	8-32 UNC - 2B ▽ 8.331
D4	41.530 mm	208.600 mm	8-32 UNC - 2B ▽ 8.331