LASER FUME EXTRACTION

Product selection chart, find your application and system below.

	AD Access	AD 350	AD Oracle iQ	AD 500 iQ	AD 1000 iQ	AD 1500 iQ	AD 2000 iQ	AD 4000	AD PVC iQ	AD Base 1 Oracle	AD Base 3
LASER CODING											
GOOD FUME CAPTURE ENCLOSURE											
< 200 codes/min	✓	✓	✓	✓	✓	✓	✓	✓	✓		
200–500 codes/min		✓	✓	✓	✓	✓	✓	✓	✓		
> 500 codes/min			✓	✓	✓		✓	✓	✓		
POOR FUME CAPTURE ENCLOSURE (NOZZLE)											
< 200 codes/min	✓	✓	✓	✓	✓	✓	✓	✓	✓		
200–500 codes/min			✓	✓	✓	✓	✓	✓	✓		
> 500 codes/min					✓	✓	✓	✓			
FLAT BED LASER (ENCLOSED)											
LASER BED SIZE (mm)											
400 x 300	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
600 x 300		✓	✓	✓	✓	✓	✓	✓		✓	
600 x 400		✓	✓	✓	✓	✓	✓	✓		✓	
800 x 500					✓	✓	✓	✓			
900 x 600					✓	✓	✓	✓			
1200 x 600						✓	✓	✓			
FLAT BED LASER (OPEN)											
LASER BED SIZE (mm) AND % OF BED COVERED BY MATERIAL											
1200 x 600	50%						✓	✓			
	70%					✓	✓	✓			
	90%				✓	✓	✓	✓			
1500 x 1200	50%							✓			
	70%						✓	✓			
	90%						✓	✓			
2400 x 1500	90%							✓			

1. For PVC applications, only the AD PVC iQ can be used.
2. Selection based on standard connection kit.
3. A Poor enclosure is where less than four sides of process are enclosed.

1. For heavy duty application or problem materials (e.g. MDF, PVC) a larger extractor or specialist filters may be required.

1. Some laser beds have sectional extraction arrangement where only the required section is extracted from. For this arrangement use the section size as the bed size.

✓ Can be used: expect reduced fume clearance and filter life ✓ Suitable ✓ Suitable: Overcapacity or multiple lasers