

GLASS



Transparent material cutting module

GLASS is a compact, easy to use module for transparent material processing.







GLASS module is the ultimate solution for industrial transparent and brittle material cutting. Based on Amplitude patent pending technology, GLASS uses a non-ablative femtosecond process providing the best cutting quality and speed available on the market.

Optimized for Amplitude ultrafast industrial lasers, GLASS module takes advantage of femtosecond pulses to achieve low roughness and preserve material strength. The innovative technology allows for processing of a large range of materials and shapes.



- # 1 Tempered, non-tempered, multilayer glass & sapphire processing
- # 2 No chipping and low Ra
- # 3 High speed line and curve cutting
- # 4 Patent pending technology

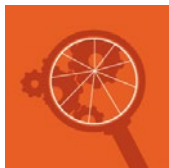
Specifications

| GLASS | |
|--|--|
|  Material | Tempered glass, non-tempered glass, Sapphire, Quartz, multi-layer material |
|  Shapes | Line, curve, closed shapes |
|  Cutting speed* | Up to 5 m/s |
|  Average roughness (Ra)* | Down to 0,2 µm |
|  Material thickness* | From 50 µm up to 2 mm |
|  Size (W x D x H) | 27 x 23 x 8 cm |



* Depends on material and laser - other specifications upon request

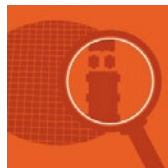
Applications



MicroMachining



Medical Device
Manufacturing



Microelectronics