

# GLASS

## *Transparent material cutting module*

### *The ultimate solution for glass and sapphire cutting*

Compact and easy to use, GLASS module is the ultimate solution for industrial transparent and brittle material cutting. Based on Amplitude's patented FemtoGlass™, 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.



### Applications

#### **Industry:**

- > Microelectronics
- > Micromachining

#### **Medical:**

- > Medical Device Manufacturing

### Key Features

- > Tempered, non-tempered, multilayer glass and sapphire processing
- > No chipping and low Ra
- > High speed cutting
- > Control crack orientation for curve-cutting
- > Patented technology
- > Easy to integrate, control and align

# 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*	Power diagnosis during the process
Power Measurement	From 0 to 50 W

\* Depends on material and laser - other specifications upon request

# Utilities

Dimensions	29,5 x 24,9 x 8,6 cm
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# Compatibility



Satsuma



Tangor

