

mechanical characteristics

X & Y axes				
engraving area		305 x 210mm		
flatness tolerance		0.2mm		
max. clearance in X between columns		370mm		
max. clearance in Y		unlimited		
Z axis				
spindle travel		40mm		
max. spindle travel at bottom of vice		400mm		
Spindle				
tool diameter		4.36mm		
rotation speed		11 -20000rpm		
direct current motorisation		75W		
Clamping systems				
concentric tightening vice				
opening of vice		230mm		
height of vice		76mm		
Noise level				
empty *	LA eq	dB (A)	<72±1	
when engraving *	LA eq	dB (A)	80±2	
peak when engraving *	Lp Cpeak	dB (C)	<95	
* in accordance with Gravograph standards				
Net weight				90kg



optional accessories

- vacuum table and vacuum pump
- clamping table
- 15 mm Ø pen drive
- 120 mm Ø cylinder drive
- 350 mm Ø cylinder drive
- glass engraving kit
- range of spindles (collet, diamond, HF, ...)
- automatic input/output control
- lubrication system

Gravograph endeavour to offer the highest technology available at all times. This information is therefore not contractually binding and may be modified without prior notice

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INTELLIGENT SYSTEM
IS 400
VOLUME



Marking in all its forms



Gravograph

engraving machine

INTELLIGENT SYSTEM
IS400
VOLUME

- 305 x 210mm engraving area, maximum 400mm spindle travel.
- **Reliability** and **quality** of engraving. IS 400 Volume benefits from Gravograph's high standards of manufacture.
- Connected to a computer, it is totally **compatible** with any PC graphics software generating HPGL files.
- **Complete access** to the object to be engraved.
- Motorised central clamping system allowing to switch from **engraving on flat materials straight on to cylindrical objects** without prior parameter settings.
- **Adjustable rotation speed** from 11000 to 20000rpm for machining of various materials.
- Very **quiet** and **powerful** spindle motor with direct current.
- A complete range of spindles, clamping accessories and tools **to suit the evolution of applications.**
- Gravograph's software **GravoStyle** allows you to create and carry out your work on IS 400 Volume with efficiency.
- Optimised processing times thanks to the **performance of electronics.**



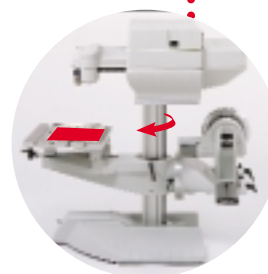
Standard 4.36mm spindle
Various types of spindle
in option



Optional $\pm 45^\circ$
adjustable cylinder drive



Remote control for
engraving functions



Multi-position of the central clamping system