

**mechanical characteristics**

<b>X &amp; Y axes</b>				
	engraving area			305 x 210mm
	flatness tolerance			0.2mm
	max. clearance in X between columns			370mm
	max. clearance in Y			unlimited
<b>Z axis</b>				
	spindle travel			40mm
	spindle travel at bottom of vice			120mm
	max. spindle travel with clamping table			33mm
<b>Spindle</b>				
	tool diameter			4.36mm
	rotation speed			11-20000rpm
	direct current motorisation			75W
<b>Clamping systems</b>				
	concentric tightening vice			
	opening of vice			230mm
	height of vice			76mm
<b>Noise level</b>				
	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			
<b>Net weight</b>				50kg



**optional accessories**

- vacuum table and vacuum pump
- 380 x 280mm clamping table
- volume base and 350mm Ø cylinder drive
- 15mm Ø pen drive
- 120mm Ø cylinder drive
- glass engraving kit
- range of spindles (collet, diamond, HF, ...)
- relay kit box
- 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 **IS400**



engraving machine

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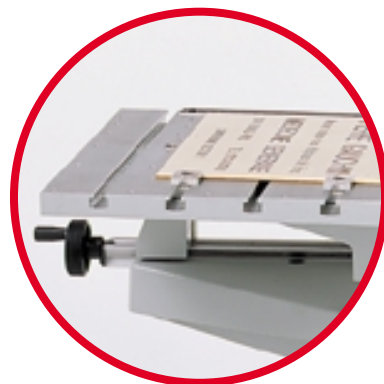


Remote control for engraving functions



"Volume" base

- 305 x 210mm engraving area, 120mm spindle travel.
- **Reliability** and **quality** of engraving. IS 400 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.
- Very **quiet** and **powerful** spindle motor with direct current.
- **Adjustable rotation speed** from 11000 to 20000rpm for machining of various materials.
- **Progressive**. IS 400 allows voluminous and cylindrical objects to be engraved by adapting the Volume base.
- 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 with efficiency.
- Optimised processing times thanks to the **performance of electronic**.



Optional clamping table



Standard self-centering vice