

**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

INTELLIGENT SYSTEM **IS400**



**GRAVOGRAPH**

www.gravograph.com

Gravograph UK Ltd  
 Unit 3 Trojan Business Centre  
 Tachbrook Park Drive  
 Leamington Spa  
 Warwickshire CV34 6RH  
 Tel 01926-884-433  
 Fax 01926-883-879



**GRAVOGRAPH**

Professional and progressive

engraving machine

INTELLIGENT SYSTEM  
**IS400**

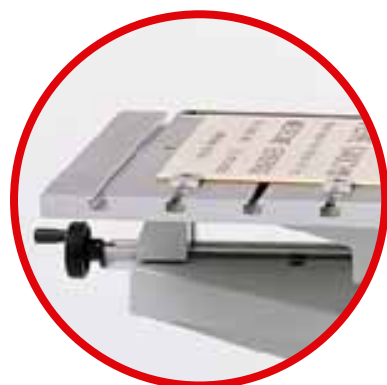
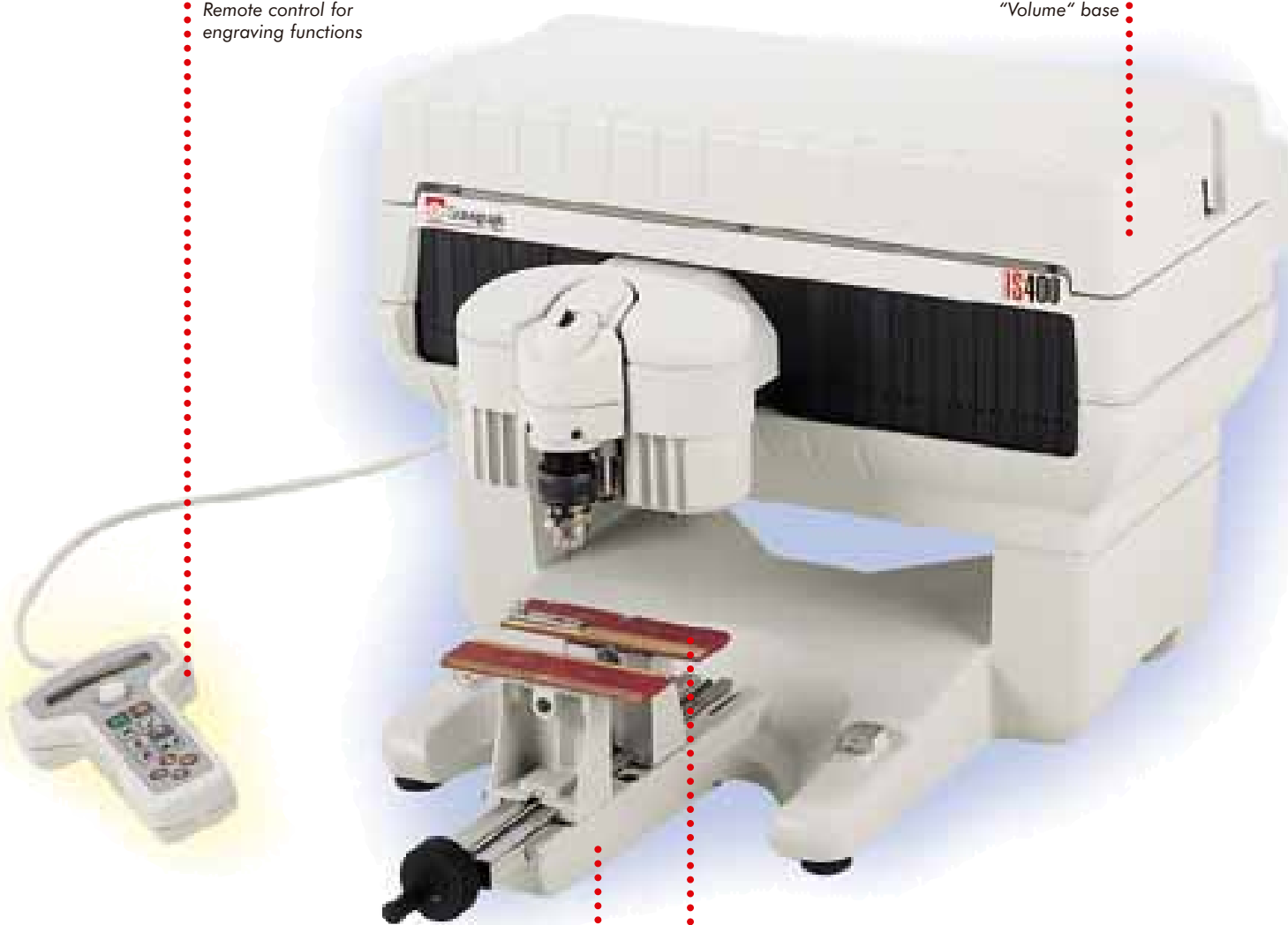
- 305 x 210mm engraving area, 120mm spindle travel.
- **Reliability** and **quality** of engraving. IS 400 benefits from Gravograph's high standards of manufacture.
- Connected to a computer, it is totally **compatible** with any PC graphics software generating HPGL files.
- **Complete access** to the 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.**



Remote control for engraving functions



"Volume" base



Optional clamping table



Standard self-centering vice



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