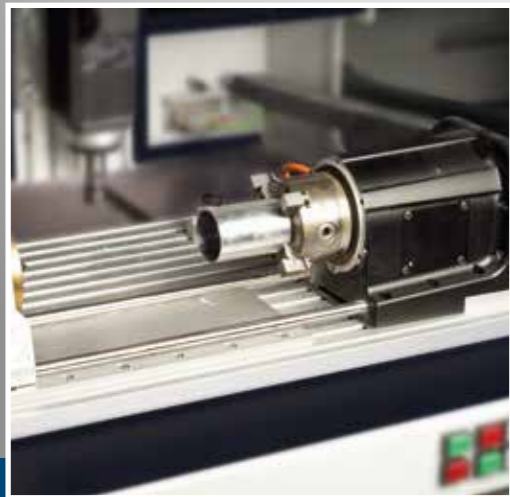
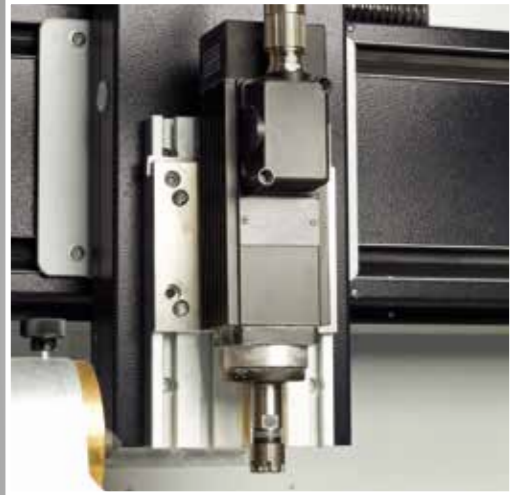


ICV 4030

The all-in-one system
for diverse use!



Equipment

- Stable aluminium / steel construction in table design
- Servo-motor technology with encoder
- Integrated PC and control electronics
- Optionally iSA 500 / iSA 750 and iSA 900 spindle
- Integrated WIN® Remote and isyCAM 2.8 control software
- Enclosed working area according to the CE safety requirements

Options

- Working area lighting
- Automatic tool changer
- CNC-controlled rotating axis (4th axis)
- Minimum quantity lubrication cooling system
- Extraction system
- Can be updated to isyCAM 3.6
- And many more options

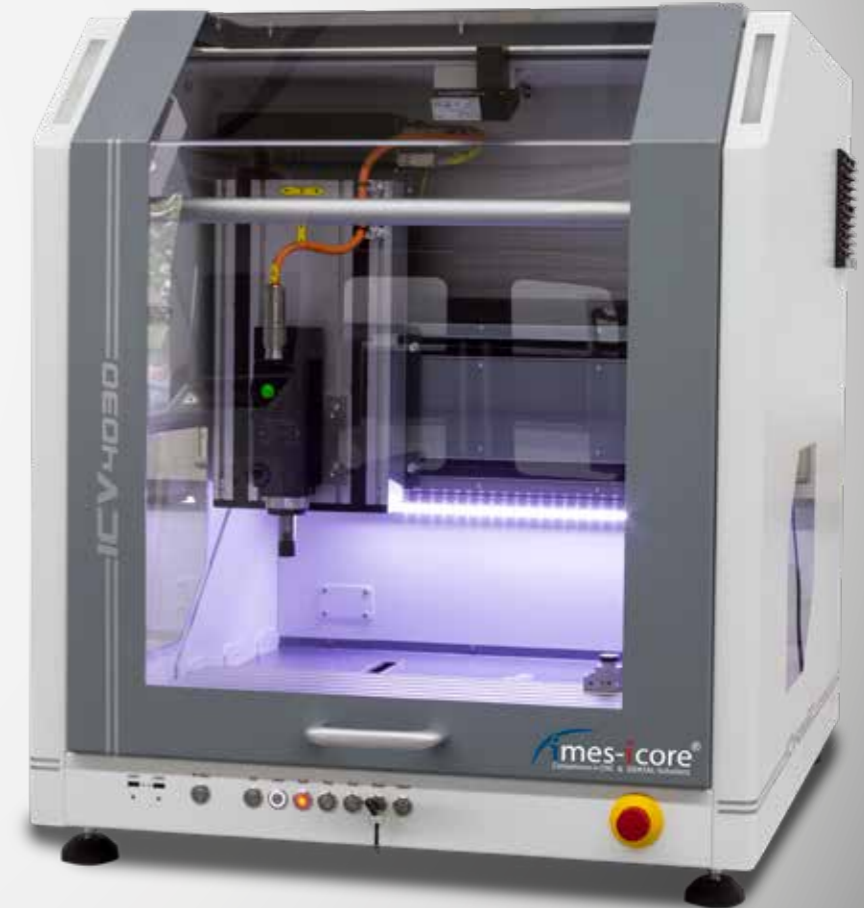
Modern servo technology and
integrated control computer

Application examples

- Plate/front panel production
- Professional engraving
- Orthopaedic technology
- Stamp production
- Rapid prototyping
- 3D model milling
- Cylindrical surface processing (with 4th axis)
- Multi-sided processing (with 4th axis)

Typical materials

- Model materials
- Plastics
- Light metals (copper/aluminium/brass)
- Wood
- Foams



The **ICV 4030** is outstanding in particular due to its very small installation area and is designed for rapid, professional 3D applications in model construction, rapid prototyping and similar applications. The complete control and power electronics, as well as the control computer, are integrated and protected in the rear wall of the chassis. As such, only an external monitor, a mouse and a keyboard are also required for operation. All of the relevant CE safety regulations are guaranteed during milling by the protective hood interlocking. The modern servo motors enable improved quiet running and precision. Through the expansion options, such as a vacuum table or a fourth axis, the **ICV** is also suitable for flexible future use with many applications.



Technical data	ICV 4030
Dimensions (L x W x H) in mm	769 x 901 x 836
Weight in kg	approx. 120
Speed range (X / Y / Z) in mm	400 x 300 x 140
Table clamping area W x D in mm	700 x 375
Speed range X / Y / Z in m/min	max. 12
Clearance height in mm	200
Repetition accuracy in mm	± 0.02
Drive motors	Servo motors
Drive elements (X / Y / Z)	Ball screw 16 x 10 / 16 x 10 / 16 x 5 mm zero backlash adjustable (optionally 16x4 mm in X/Y/Z)
Guides	Linear units with precision steel shafts and ball recirculation carriage, play-free adjustable
Connection voltage	230 V / 16 A
Control	CAN controller iMC with 3 integrated drive controllers I/O module, safety circuit
Operation	Function keys and emergency stop
Software	WIN®-REMOTE (optional: ProNC, CAD/CAM isy 2.8)