

# ThermoSet professional ISVG 4200

The High-end-Shrink-fit machine  
with precise tool-presetting ... ..



## Efficiency is outstanding!

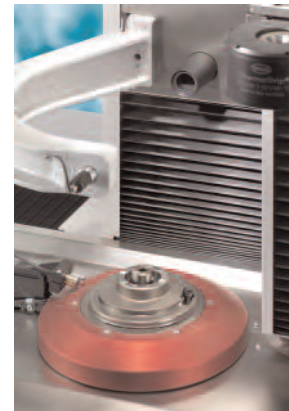
Consistently automated functional components now combine all the advantages of the induction heating shrink-fit-system in a precision-presetter. Outstanding efficiency is guaranteed even when used with concatenated machines.

## Induction heating shrink-fit-system and Robot-Handling

Maximized precision and universality, paired  
with most modern automation technology  
leads to an extremely efficient concept.

### Great advantages!

- Tool-adapters fit the measuring-spindle precisely to all different tool systems
- Pneumatic clamping and ejection of the tool in the tool-adapters
- Pneumatically clamped changing coils with cover disks make the ISVG 4200 for all sizes and types of ThermoGrip-clamping chucks

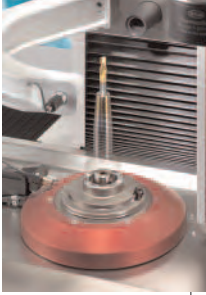


## Universality is the winner!

The ISVG 4200 is operational in automatic and manual mode. It is well suited for adjusting all tools types - with or without shrink-fit technology.

### Important benefits

- maximum precision through highest rigidity of all mechanical components
- all axes with high definition precision glass scales
- 4 CNC-axes drive all measuring cycles fully automatic
- Picture processing-system works independently of the operator in the adjusting, shrinking and checking processes (eliminates human error)
- Clear text-directions and photo real picture selection of the tool to be measured made available through simple, and easy to use software
- Connectable to external tool databases (e.g. TDM of TDM Systems GmbH), tool-management systems or label printers

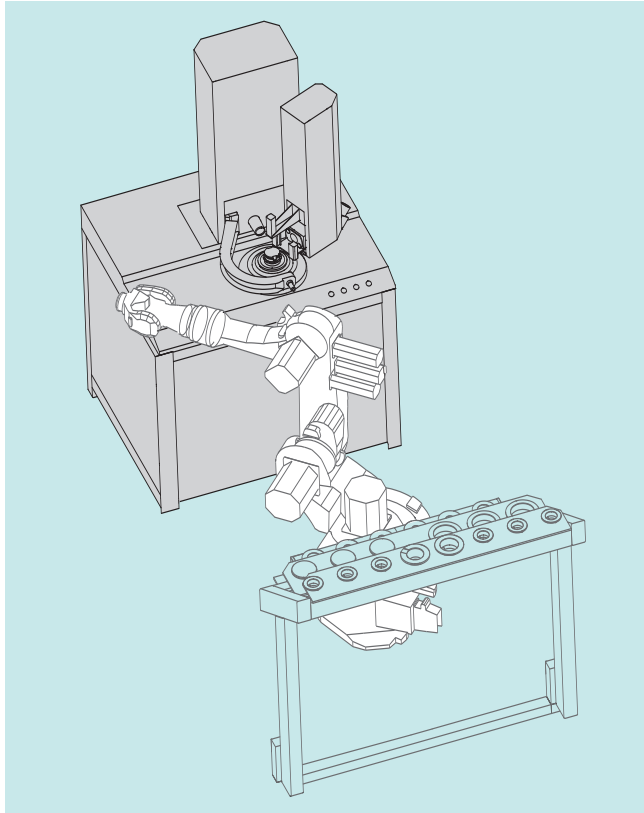


### Tool dimension specifications:

Clamping chuck with tool (ShrinkFit)	380 mm
Diameter range for shrinking	6-50 mm
measurable tool length	590 mm
measurable tool diameter	400 mm
Achievable tolerance for shrink-fitting, measured after the cooling off period +/-	0.015 mm



... in a robot cell – the economic quantum leap  
in Tool Presetting.



Let Bilz "put" your tools to work.



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# BILZ

ThermoSet professional  
**ISVG 4200**  
Shrinking tools  
and preseting -  
fully automatic



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