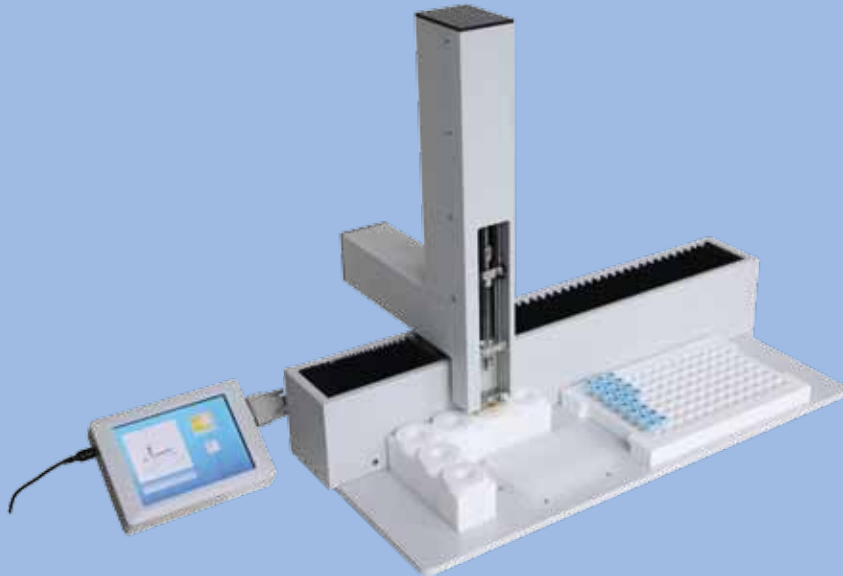


## Auto expert

**Technical specifications:**

Range:	300 mm x 165 mm x 165 mm
Customization possible	
Accuracy:	< 0.25 mm
Communication:	RS232 / USB
I / O Board f. external components / devices	
Control panel:	
Touch screen graphic display	
Drive syringe:	10 µl to 500 µl
Work surface:	
geometry can be freely configured	
External field can be defined	
Power supply:	100-240 V AC
	50/60 Hz
Dimensions (W x D x H):	
	510 mm x 280 mm x 460 mm
Mass:	12 kg

**Brief description:**

- sample handling platform for the automation of laboratory analysis
- for use as an independent XYZ sample preparation system, but also in combination with an analyzer
- realization of all common liquid handling functions in combination with injections of 10 µl to > 500 µl
- implementation of the autosampler features for analytical devices
- realization of fraction collector functions
- programmable sample geometries of fields, or racks, plates and tubes
- programmable motion and dispensing cycles
- programming on the PC (or standard programs supplied)
- transfer of programs into the control panel
- program storage in the control panel
- program parameterization to the control panel
- program called / started in the operating unit
- USB interface to connect external storage devices and RS232 interface for connection of analytical devices and other external devices (Cavro-diluter, ...)
- creation of customer-specific interface protocols to adapt to specific analyzers
- configureable I/O board for control of external components (pumps, valves, tempering ...) and for responding to external events, such as signals from analyzers
- control panel with clear and user-friendly control dialog
- variable geometry of the device to adapt to special tasks
- optional creation of customer-specific interface protocols to adapt to specific analyzers

Tel.: +49 (0) 36 77 - 46 12 - 0  
 info@etg-ilmenau.de  
 www.etg-ilmenau.de