

New Safety Test Equipment



ELABO is a synonym for innovative products for quality inspection test equipment. Maximum availability, ruggedness mated with precision and almost unlimited ranges of application.

With the introduction of this new tester generation ELABO defines a pathbreaking way in the direction of compact, intelligent and flexible device testers for industrial use.

Based on this newly developed modular equipment series all variants of automation levels can be realized economically. A catalog of additional extension modules does not leave any wish unfulfilled.

For the manual use of the testing instruments, some variants are equipped with a touch display to be operated ergonomically. The core of this technology is formed by an embedded system running under Windows CE®.

ELABO goes future – join us!



euromicron group

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Elabo TestSysteme

Electronic Combitester

Testing instruments, extension modules and the complete scale of accessories – for each application case a suitable solution. As a complete system or as a device for OEM customer.

Operated via interface, via the modern TouchMe CE control module or under usage of the available PC software package.

One Family for all applications.



Maximum availability, robustness and functionality. On the market and permanent in the conversation with our customers it is our effort not only to coordinate the functionality of our equipment and systems with changing requirements of our customers. Additional we combine simultaneous latest technologies with user's kindness and ergonomics.

Elabo products are still market leaders and the customer satisfaction increases steadily.

	F7-1A	F7-1B	F7-1C	F7-1M	F7-1N	F7-1P
Display:	Display 6,5"					
Size:	6 HU	6 HU	6 HU	6 HU	6 HU	6 HU
Weight:	32 kg	30 kg	38 kg	31 kg	29 kg	37 kg
Supply:	230 V / 49..61 Hz					
Interface:	RS 232C ²					
Interface:	Ethernet ²					
Interface:	USB ²					
Interface:	USB Accessory					
Interface:	Digital Interface 1					
Interface:	Digital Interface 2					
Interface:	2 Safety Circuits					
Connector:	Separate PE / HV					
Connector:	System Plug					
Connector:	Warning Lamps					
PE Resistance						
Range:	0 .. 1,2 Ω					
Test Voltage:	6 / 12 VAC					
Test Current:	10 .. 32 A					
High Voltage AC						
Test Voltage:	100 .. 5.000 V					
Test Voltage:	200 .. 6.000 V					
Rated Power:	500	500	600	500	500	600
Tripping Current:	0 .. 1 / 10 / 100mA					
Short Circuit Current:	200 mA					
Ramp-Mode:	10 .. 3.500 V/s					
Current Limiting ² :	○ ○ ○ ○ ○ ○					
Burn-Mode ² :	○ ○ ○ ○ ○ ○					
Voltage Feedback:	○ ○ ○ ○ ○ ○					
High Voltage DC						
Test Voltage:	200 .. 6.000 V					
Test Voltage:	200 .. 8.000 V					
Tripping Current:	0 .. 1 / 10 / 100 mA					
Ripple:	< 3 % at R > 3 MΩ					
Ripples:	< 3 % at R > 250 kΩ					
Insulation Resistance						
Range:	0,1..1/10/100 MΩ					
Test Voltage:	200 .. 6.000 V					
Test Voltage:	200 .. 8.000 V					
Extension Modules						
Current Measurement:	○ ○ ○ ○ ○ ○					
Voltage Measurement:	○ ○ ○ ○ ○ ○					
Power Measurement:	○ ○ ○ ○ ○ ○					
Continuity Test:	○ ○ ○ ○ ○ ○					
Resistance Measurement:	○ ○ ○ ○ ○ ○					
Leacage Current Measurement:	○ ○ ○ ○ ○ ○					

● Standard ○ Extension module required
¹ can not be combined ² can not be combined

Technical changes reserved.