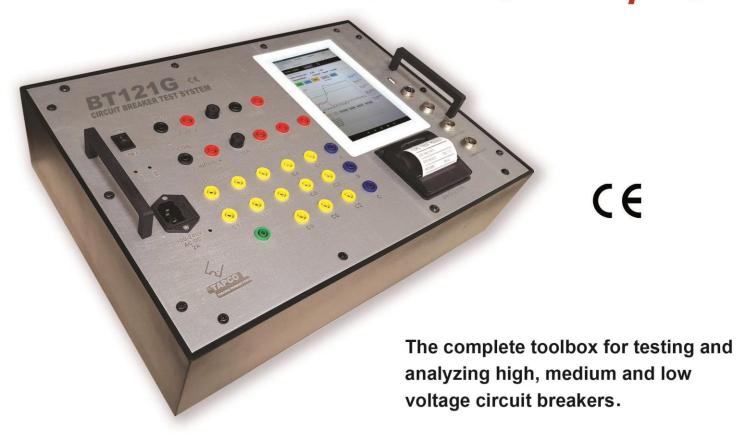


Circuit Breaker Test System

(with 7-inch touch screen and graphics)

سیستم تست کلیدهای قدرت



Features

- 7-inch touch screen and graphics
- Measurement of time and motion
- Performance tests of coil, motor
- Special tests for contactors and non-operating mechanism breakers
- Ability to test the minimum voltage of the coils (optional)
- Graphical results for quick interpretation
- Controlling of all operations by the device without the need for a computer
- Extremely reliable and easy to use
- Battery and main line operated with fast charge

Applications

- Circuit breaker manufacturers
- Repair and maintenance of electrical power plant companies
- Electrical power plant EPC companies
- Electrical power labs
- Big factories e.g. Steel, petrochemicals, refineries, and...



BT121G Specifications

Specifications are valid at nominal input voltage and an ambient temperature of +25°C, (77°F).

Specifications are subject to change without notice.

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Туре	Portable Circuit Breaker Analyzer
Main Voltage	100-240V AC/DC , 50 Hz
Built-in Battery With Automatic Charger Charge Time	Li-ion, 11.1V/ 7800 mAh 2 Hours Full Charge
Battery Run Time	16 Hours
Dimensions (L x W x H)	Basic Unit 460 x 330 x 150 mm
Weight	9.5 kg
CE Marking	EMC 2004/108/EC
Breaker (LVD 2006/95/EC Operation
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 - 11 - 11 - 11 - 11 - 11 - 11 - 11 -
Sequences (C:close, O:open)	C, O, C-O, C-T-O, O-T-C, O-T-C-O
Close / Open1 / Open2 Coil Voltage And Current	0-250V AC/DC (Set Automatically) , 50 Hz , 10A
Motor Voltage And Current	0-250V AC/DC (Set Automatically) , 50 Hz , 10A
Contact Inputs Time Contacts Range	16 Input Channels (3 Main,13 Auxiliary) 0 to 999 ms
Time Spring Charge Range	40 s
Resolution	0.1 ms
200 41 (2000) 100 (2000)	21, 112
Inaccuracy	0.01% Of Printed Value ± 0.1 ms
Start Time Measurement	With Operation Mechanism (Coil Energizing) Without Operation Mechanism (Changes In The Each Main Contacts)
Time Difference Between Control Pulse And Timer Start	< 0.1 ms
Motion .	Analyzer
Measurement Resolution	< 0.1 mm
Basic Inaccuracy	0.5%
Time-Base Inaccuracy	0.02%
Measurement Interval	999 ms
Sampling Frequency	10 kHz
Analog Travel Transducer Input	Three Resistive Transducer / 100 Ω to 10 kΩ
Digital Travel Transducer Input	One Rotary Encoder / 2500 Pulse/r
Enviro	onment
Operating Temperature	-20 to 55°C (- 4 to 131°F)
Storage Temperature	-30 to 70°C (- 22 to 158°F)
Humidity	20% – 95% RH , Non-Condensing
Miscell	laneous
Storage Capacity For	Over 96 Test Records
Internal The	ermal Printer
USB Ir	nterface
189.4.5484.4.92	oftware ssories
Contact Part - Basic - Activity - Space Sea - Charac - Activity - Ac	
Motor Test Lead Set (4 x 4m)	Coil Test Lead Set (5 x 4m)
10 On	0000
Main Contacts Test Lead Set (3 x 8m with Clamps)	Earthing Cable (4m with Clamp)
10 10 0	0
Power & USB Cables	Case Cover & Cable Bag

One Year Warranty, Five Years After Sales Services

Tarbiat Modares Science&Technology Park, Pajouhesh Bld, 17th km of Tehran-Karaj Highway Tehran-Iran **TAPCO:**