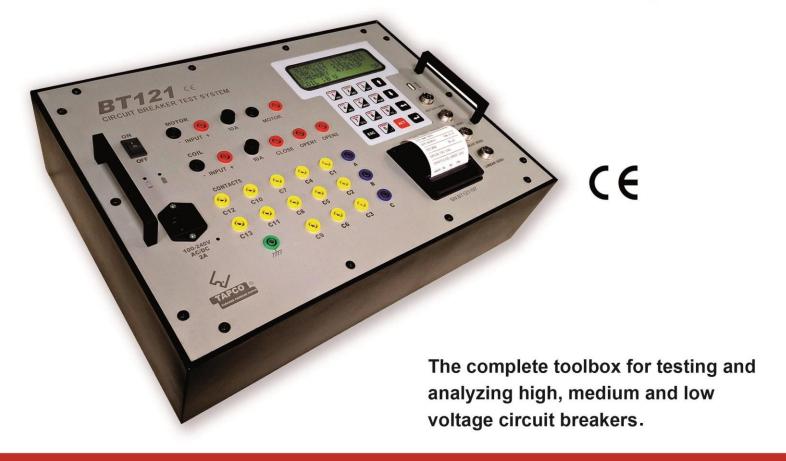


سیستم تست کلیدهای قدرت



Features

- Measurement of time and motion
- Performance tests of coil, motor, and optional tests such as anti-pumping relay, under voltage relay, blocking coil, and ...
- Special tests for contactors and non-operating mechanism breakers
- Graphical results for quick interpretation
- PC control with BTSOFT software
- 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...



BT121 Specifications

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

Specifications are subject to change without notice.

	t to change without notice.
Gen	eral
Туре	Portable Circuit Breaker Analyzer
Main Voltage	100-240V AC/DC , 50 Hz
Built-in Battery With Automatic Charger	Li-ion, 11.1V/ 7800 mAh
Charge Time Battery Run Time	2 Hours Full Charge 16 Hours
Dimensions (L x W x H)	Basic Unit 460 x 330 x 150 mm
Weight	9.5 kg
2000	EMC 2004/108/EC
CE Marking	LVD 2006/95/EC
Breaker (Operation
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
The state of the s	surement
Contact Inputs Time Contacts Range	16 Input Channels (3 Main,13 Auxiliary) 0 to 999 ms
10 10 10 10 10 10 10 10 10 10 10 10 10 1	
Time Spring Charge Range	40 s
Resolution	0.1 ms
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	nment
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
· OPMA DE	
	aneous
Storage Capacity For	
(Fig. 10) and	rmal Printer
	terface
	ftware
Acces	sories
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 00	67
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:**

Tel:+98 21 44180002

Fax:+98 21 44184989