

# KPM Circuit Breaker Analyzer (KPM-CBA01)



## KPM Circuit Breaker Analyzer (KPM-CBA 01)

is used for testing, analyzing and assessing power system circuit breakers, mechanical characteristics of load switches and isolated switches and other AC high voltage switches etc. The Circuit Breaker Analyzer cover all testing requirements of high voltage circuit breakers.

Comparing with the traditional circuit breaker tester **KPM Circuit Breaker Analyzer (KPM – CBA 01)** has the following unique advantages:

### FEATURES

- ❖ KPM CBA-01 circuit breaker test set is used for performing electrical and mechanical characteristic of high voltage, medium voltage circuit breaker, switch and contactor.
- ❖ Measure the circuit breaker time parameters (close, open, asynchronous, bounce)
- ❖ Set with 12 contact state indicator lamps on panel. It is easy to judge close and open state.
- ❖ Measure the travel, over-travel, rebound, overshoot and speed of the breaker by using resistance transducer or digital transducer.
- ❖ Use a digital rotary transducer for measuring angle.
- ❖ Operate Close, Open, O-C-O, O-C, C-O control sequences.
- ❖ Test the mechanical characteristic operated by CB manually.
- ❖ Create and store 50 speed definitions of circuit breakers.
- ❖ Built-in DC control output, can used for action voltage testing.
- ❖ Built-in DC output for motor driving.
- ❖ Measure the motor current curve while motor driving.
- ❖ Use IGBT electrical switch for control outputs, with high precision and long life age.
- ❖ Built-in DC/AC current sensor for measuring close and open control current.
- ❖ Can store 60 test results in memory. Loss of power without loss of data.
- ❖ The stored data can be transferred to USB disk.
- ❖ Use the USB disk to update the tester software.
- ❖ LCD displays the operation interface, test data, contacts, travel and current curves.





## KPM Circuit Breaker Tester (KPM- CBA01)

- ❖ Thermal printer can print test result fast, include contacts, travel, and current curves.
- ❖ Max 1000 times action testing automatically.
- ❖ Use an USB cable connecting to Windows PC to operation.
- ❖ Open and analyze data on PC, generate report and print A4 report.
- ❖ English interface selectable.
- ❖ Operating conditions
  - Operating voltage: AC220V±10 %
  - Frequency: 50Hz
  - Power dissipation: ≤60w
  - Ambient temperature: 0~40°C
  - Ambient humidity: ≤90%RH
- ❖ Dimensions : 460X340X200 mm<sup>3</sup>
- ❖ Weight:7kg

### Technical specification

- ❖ Time
  - Simultaneity measure Contacts: ≤12
  - range: 0—6s
  - resolution ratio: 0.01ms
- ❖ Travel
  - range: < 250mm
  - resolution ratio: 0.01mm
- ❖ Error
  - Time measure error: ±0.5%
  - Travel measure error: ±1mm
- ❖ Speed measure range: 0—20m/s
- ❖ Internal Power
  - Output Voltage: 30V—260V error:1%
  - Output Current: 0 ~ 20A

KPM ENGINEERING SOLUTIONS PVT. LTD.  
815 A, 8th Floor, Unitech Arcadia, Sec 49,  
Gurugram – 122018 ,Haryana  
Website : [www.kpmttek.com](http://www.kpmttek.com) , Email : [sales@kpmttek.com](mailto:sales@kpmttek.com)  
Phone No : +91 124 4001088

