

# Autocheck™ Multimeters

These three meters are designed with a high degree of protection. With two special features such as a sliding scale impedance relative to the test voltage known as Lo-Z & Autocheck™, and transient protection for a 12kV lightning surge (1.2/50ms), makes them a leading feature test instrument. The meters are double moulded, easy to use, comfortable to hold and a safe and reliable tool for use in extremely rugged conditions. Choose the professional multipurpose unit with current measurement or a deluxe meter with extra features of range select, capacitance, diode test and continuity test or the basic standard model.

## TBM685 Digital Multimeter Deluxe Autocheck™

- 3½ Digit 6000 Count LCD
- CAT IV 1000V
- Updates 5 x per second
- Autocheck™ V & Ω
- EF Detection
- APO Idle for 3 min
- Data Hold
- Display LCD
- Size 26 x 61mm

**Compliance and Safety**  
CAT IV 1000V

Feature	Range	Accuracy
DC Voltage	6V/60V/600V/1000V	± 1.2% + 2d
AC Voltage	6/60/600/1000V	± 2% + 6d
Resistance	6kΩ, 60kΩ, 600kΩ, 6MΩ	
Diode Test	< 1.6VDC, 0.25mA, Response <100ms	± 1.2% + 4d
Continuity	600Ω, Threshold 50 to 250Ω, Response < 100ms	
Capacitance	100nF, 1000nF, 10μF, 100μF, 2000μ	± 2.5% + 5d

**CAT IV  
1000V**



**LIFETIME  
OF PRODUCT  
WARRANTY**

### Ordering Information

Part No: **TBM685**

For replacement test leads order AL04

## TBM682 Digital Multimeter Standard Autocheck™

- 3½ Digit 6000 Count LCD
- CAT IV 1000V
- Updates 5 x per second
- Autocheck™ V & Ω
- EF Detection
- APO Idle for 3 min
- Data Hold

### Ordering Information

Part No: **TBM682**

For replacement test leads order AL04

Feature	Range	Accuracy
DC Voltage	6V/60V/600V/1000V	± 1.2% + 4d
AC Voltage	6/60/600/1000V	± 2.5% + 6d
Resistance	6kΩ/60kΩ/600kΩ/6MΩ	

**CAT IV  
1000V**



**LIFETIME  
OF PRODUCT  
WARRANTY**

## BM821 Digital Multimeter Professional

This meter is the mainstay of the CABAC range of multimeters and is designed for use in heavy industry such as mining. Robust, dustproof and splash-proof, this meters has all the basic features a professional tradesman will require from a DMM. If you are looking for a reliable meter that will give many years of service then consider this excellent, rugged meter.

### Features

- 4 Digital 10000 Count
- Dual Display
- 1000V Protection
- Data Hold/Diode Tester
- Beep-Jack™ Input Warning
- Current Range Fused (600V HBC Fused)
- Bargraph
- USB Interface (optional)

### Optional Accessories

RS 232 Optical Cable with Special Software (for PC running XP).

**Compliance and Safety:** IEC61010-1 2nd Edition (2001) CAT IV 1000V. Transient protection 8kV.

**Overload protection:** V = 1050Vrms; mA = 0.63A/500V; HRC Fuse; A = 12.5A/550V HRC Fuse; Others ranges 600Vrms; Meets EN61326 (1997, 1998/A1), EN61000-4-2 (1995), EN61000-4-3 (1996).

Feature	Range	Accuracy
AC/DC Voltage	60m/600m/9.999/99.99/999.9 V	±1% + 4d
AC/DC Current	600μ/6000μ/60m/600m/6/10 A	± 0.8% + 4d
Resistance	600/6K/60K/600K/6M/60MΩ	0.5% + 4d
Capacitance	60n/600n/6μ/60μ/600μ/6m/25mF	± 2% + 3d
Logic Level Frequency:	15Hz to 1kHz	± 0.04% + 4d
Line Level Frequency:	5Hz to 1MHz	0.004% + 4d

\*Refer to CABAC website cabac.com.au for terms and conditions on warranty.

**CAT IV  
1000V**



**LIFETIME  
OF PRODUCT  
WARRANTY**

### Ordering Information

Part No: **BM821**

Each unit comes in a gift box with leads, operating manual, batteries installed and protective holster.

Battery: Standard 1 x 9V 6F22

Size: L208 x W103 x T64.5mm with holster

Weight: 340g (430g with holster)

For replacement test leads order AL04.

### Optional Accessories

USB Optical Cable with Special Software - Part No: **BU-86X**

Magnetic Hanger - Part No: **BMH-01**