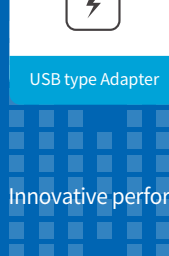
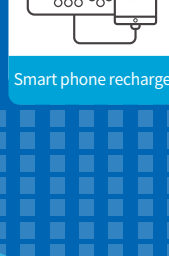


# BTR5000

## Waveform Cable fault locator



IP68 grade against tough condition

Innovative performance for all level technician

Real intuitive GUI & UX for smart work

7" Large scale Color LCD (800\*480)

Unified port for communication & recharge

Superb accuracy & resolution

Smart capture function

- The real cable fault locator, BTR5000 delivers all the innovative and sensational performances that all cable technicians have been requesting for in a Cable installation & maintenance.
- Born to measure all type of metallic cable fault

Support WAVE MATE™  
Easy report & Sharp waveform analysis

### Measurement

- Pulse : 3ns ~ 10μs
- Accuracy : ± 0.1 % of reading  
± 0.1m for coaxial
- Resolution : 2.5cm

### User friendly

- Familiar with smart device interface.
- Easy to start, Fun for work.

### Smart

- Support USB connector for recharge & telecommunication

### Multi use

- Variety of the cable environments (Power, Electric, Telecom, Transportation, Environmental, ETC)

We, BECS have been researching many of the difficult issues reported in the cable management industry for many years. Since then we have started again at the base for real cable fault locator to real user.

BECS waveform Cable fault locator (Model No.: BTR5000) is a high-end instrument capable of identifying a wide range of cable faults using Time Domain Reflectometry, designed to meet today's most demanding network cabling problems. With high accuracy as well as user-friendly features, BECS waveform Cable fault locator is an excellent instrument for all cable management industry.

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Made in Korea

# BTR5000

## Waveform Cable fault locator

Performance	Range	50cm ~ 20,000m for coaxial cable
	Resolution	2.5cm
	Accuracy	± 0.1 % of reading ± 0.1m for coaxial
	V.O.P setting	10.0 ~ 99.9 % (in 0.1% step)
	Pulse width	3, 6, 12, 25, 50, 100, 200, 500ns, 1, 2, 5, 10μs
	Display	7inch, 800 * 480 TFT color LCD
	Output impedance	50, 75Ω
Interface	Internal memory	8GB
	Connector	BNC Female
	Refresh rate	5 times per second
	Communication port	USB A
	Internal battery	3.7V Li-Ion battery pack, 10,000mAh
Power	Adaptor	USB A
	Operation time	Approx. 6 hours
	Operation temp	-10 °C ~ +60°C
Environment	Storage temp	-30 °C ~ +80 °C
	Humidity	Less 95%
	Size	W:300mm * D:249mm * H: 119mm
	Weight	Less 2.5kg
	Warranty	1 year from date of purchase

\* Specifications subject to change without notice.

## I Application

BECS Waveform Cable Fault Locator (Model No.: BTR5000) has been using in many industrial sites.

### Power / Electric



Power plant



Smart Factory

### Telecommunication



Network



Monitoring

### Transportation



Automobile



Vessel

### Construction



Power plant

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# BTR1000

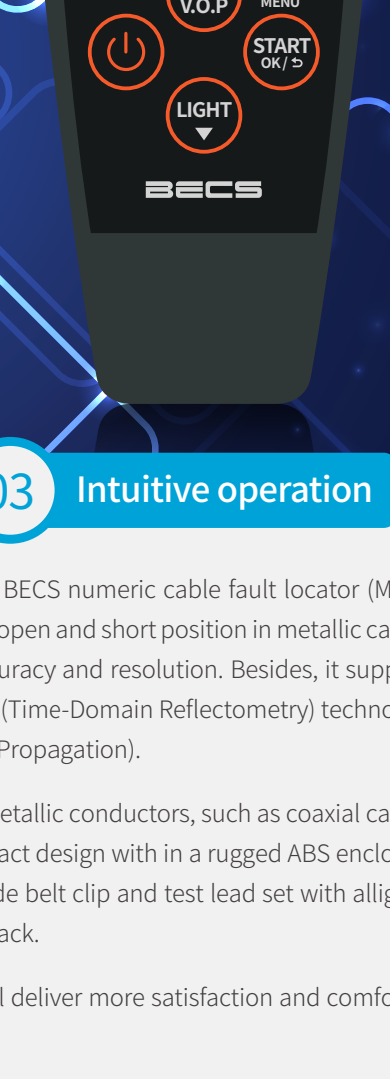
## Numeric Cable Fault Locator

## I Benefit

- Fast check and find in a few seconds
- Easy learn with no professional training
- Light weight and rugged design for field condition
- Perfect for all cable technicians

## I Feature

- Resolution : 1cm
- Accuracy : ± 1% of reading
- Auto V.O.P set
- 8 user settable V.O.P memories
- 2 AA (LR6) battery
- Measurement range : 5 ~ 3,000m



01 Superb resolution

02 Remarkable accuracy

03 Intuitive operation

Nowadays there are diverse needs for cable measurement in various industrial territories. BECS numeric cable fault locator (Model No.: BTR1000) is the most appropriate meter for various needs of cable management such as open and short position in metallic cables. BTR1000, provides cable fault detection with remarkable specifications especially high accuracy and resolution. Besides, it supports extremely long measurement distance (Max. 3km). It is unique in its class which utilizes TDR (Time-Domain Reflectometry) technology giving users accurate information of the faults based on a specific cables - V.O.P (Velocity Of Propagation).

Application of this meter is for any cable consisting of at least paired (shielded or twisted) metallic conductors, such as coaxial cables, power cables, control cables and telephone cables at low cost. BTR1000 has smart & compact design with in a rugged ABS enclosure which is dust and weatherproof. BTR1000 also comes with a soft carrying case which include belt clip and test lead set with alligator clip. It is powered by only two AA (LR6) batteries, which are stored in a compartment on its back.

As a core meter, BTR1000 furnishes an intuitive interface for simple manipulation which will deliver more satisfaction and comfort to field technicians.

Beyond your condition and bright your mind.



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# BTR1000

## Numeric Cable Fault Locator

## I Specification

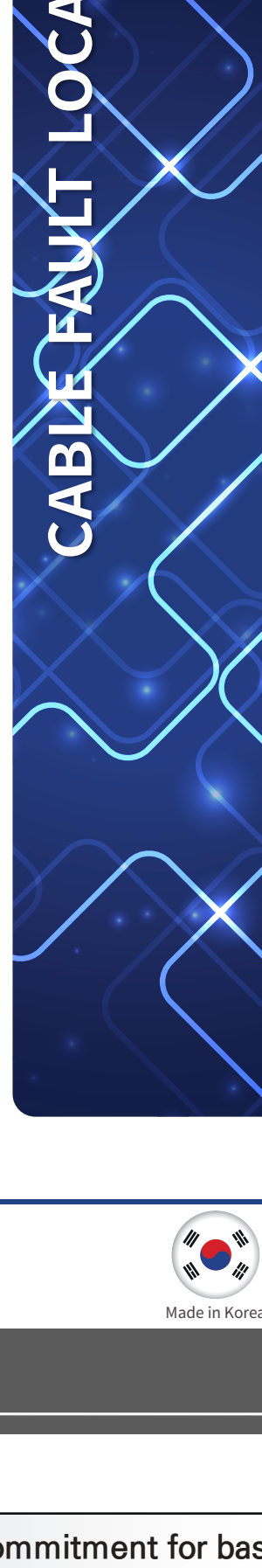
Range	3km , Min. distance : 5m
Accuracy	± 1.0 % of reading
Resolution	1cm
Repeatability	± 0.3 % of reading
V.O.P (Velocity of propagation)	1.0 % ~ 99.9 % (in 0.1 % step)
Auto V.O.P set	Support
User settable V.O.P	8 memories
Auto Power Off	Support
Display	128 * 64 Character LCD
Power Supply	2 LR6(AA) type battery
Operation time	30,000 times with backlight
Line Voltage Detection	± 250mV / 500kHz
Input Protection	DC 48 V
Safety(EMC)	EN 55011:2009/A1:2012 / EN 61326-1:2013 / EN 61326-2-2:2013
Certification and Compliance	CE
Warranty	1 year from date of purchase.
Size	63 * 140 * 30 mm
Environmental	Operation : -10°C ~ +60 °C, Storage : -20°C ~ +70 °C
Accessories	Soft Carrying Case, Test Lead Set, Manual

\* Specifications subject to change without notice.

## I Application

BTR1000 is not only designed for communication, but also power, transportation, factory and construction. TDR is well known as a telecom instrument, but it covers a wide range of industries. Since in everywhere we could find cables in the world, people needs an appropriate management to save time and money.

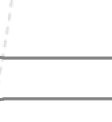
Communication	
Power & Transportation	
Factory	
Construction	



# i-Ping Tester

## i-Ping tester (Commitment for basic)

- ✓ Ping Test with fast access
- ✓ Search Telephone line
- ✓ Easy check for LAN Test
- ✓ Prompt Network configuration



✓ Fast Ethernet access (10BASE-T/100BASE-TX)

- ✓ Auto configuration
- ✓ Auto negotiation



✓ High end telephone function

- ✓ Caller ID demodulation
- ✓ DTMF dialing
- ✓ Speakerphone



✓ Physical LAN TEST

- ✓ Each wire(8-pin) connection
- ✓ Search test of telephone



✓ Network configuration

- ✓ Supported Static IP
- ✓ Supported DHCP

## [Applications]

### Network Installation & Maintenance

- ✓ Data communication / Tele-communication



## [Specifications]

Ping Test	
Network Standard	IEEE 802.3/802.3u
Media Compatibility	10BASE-T, 100BASE-TX Auto-negotiation Supported 0/100 Mbps full and half duplex
MDI/MDI-X	Auto-crossover Supported
LAN Cable Test	
Test Method	Each wire(8-pin) connectivity
Corded Telephone	
Caller ID Standard	Bell 202A ~ Modulation : FSK ~ Logical 1 (Mark) : 1200+/-12Hz ~ Logical 0 (Space) : 2200+/-22Hz ~ Transmission rate : 1200+/-12baud
Dialing Method	DTMF
Line Impedance	600Ohm
Speakerphone	Supported
General	
Connector	RJ-45, RJ-11
Display	2.3" Mono Graphic LCD ~Back Light Supported
Dimensions (width x height x depth)	Master ~ 3.3" x 7.4" x 1.4" ~ 84.1mm x 188mm x 34.9mm Remote ~ 3.3" x 2.4" x 1.5" ~ 84.1mm x 60mm x 37.1mm
Weight (w/o Battery)	Master ~ 8.1oz. (230g) Remote ~ 2.1oz. (60g)
Battery	Master ~ 9V Alkaline(6LR61) Remote 9V Alkaline(6LR61) / 9V Carbon-Zinc(6F22)
Operating Temperature	10°C ~ 40°C
Storage Temperature	-10°C ~ 60°C
Relative Humidity	90%

For Technical Assistance, please contact :

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