C-Kore Systems Ltd
York, North Yorkshire, YO19 6ET, United Kingdom
Tel: +44 (0)1904 215161
Email: sales@C-Kore.com

 Identify faulty components within existing fields during fault-finding and prove the health of new components (e.g. umbilicals) during construction campaigns.

The C-Kore Cable Monitor can be used for both fault-finding and construction campaigns. Compared to downline or platform-based testing, it is fast and simple to deploy to get accurate data on the health of subsea assets by measuring directly subsea in real-time, saving time, cost, and energy onshore, allowing more faults to be found and fixed with shorter campaigns.

The exact unit specification varies with the measurement connector type, details for a typical unit are given below:

- **Dimensions:** 355 x 258 x 124 (mm)
- **Weight:** (in air) 5 – 7kg
- **Depth Rating:** 3000 msw
- **Operating Temperature:** -10°C to +60°C

**C-KORE COMMON FEATURES**

- **Data Logger:** Every measurement saved for future download and analysis
- **Connector Support:** Wide range of subsea measurement connector types supported
- **Physical Shock:** Measures impacts, vibration, and orientation changes
- **Battery Life:** Low power design gives C-Kore units years of battery life
- **OLED Display:** Instant measurement feedback on the built-in display
- **Multiple Triggers:** Configurable light, proximity, and schedule triggers to start measurements

**C-KORE CABLE MONITOR**

- **Prep Check:** Identifies faulty components within existing fields during fault-finding and proves the health of new components during construction campaigns.
- **Dimensions:** 355 x 258 x 124 (mm)
- **Weight:** (in air) 5 – 7kg
- **Depth Rating:** 3000 msw
- **Operating Temperature:** -10°C to +60°C

**C-KORE SUBSEA TDR**

- **Precisely locate faults and discontinuities within electrical cables during fault-finding and characterization of new components during construction campaigns.**
- **The Subsea TDR is normally used in tandem with the Cable Monitor for fault-finding. Once the Cable Monitor has identified the location of a fault in a single cable, the Subsea TDR is used to precisely locate where in the cable the fault resides. This knowledge can be used to inform repair versus replacement strategies.**
- **By measuring directly subsea, the problems associated with cable-based cable testing are eliminated, including impedance mismatches, attenuation, faulty cable ends, and the difficulty of driving the TDR correctly.**

**C-KORE PRESSURE MONITOR**

- **Monitor and log pressure readings during new equipment installation to prove conformance and detect leaks.**
- **When installing new assets the pressure monitor is used to prove that the fluid lines have been correctly pressurised and detect any leaks that occur, removing the need for manual measurement.**
- **Powered by a high capacity battery for stand-alone operation, the pressure monitor can be connected to a nearby Cable Monitor or Subsea TDR to show results on the display. It is also possible to deploy the pressure monitor onshore for measuring different fluid lines. Every reading is timestamped and stored in internal memory.**

**www.c-kore.com**
Find Faults Fast

C-Kore subsea measurement tools find faults and prove the health of umbilicals, jumpers, control modules, down-hole sensors (or anything else) without using downlines. The tools save days of vessel time allowing more to be achieved in every offshore campaign.

Mobilisation and deployment are simple. The measurement program is automated, dramatically speeding up the testing process and reducing the risk of human error.

The tools are not much larger than standard dummy plugs, allowing simple hand-carried mobilisation and easy handling for divers and ROV.

Streamlined Construction

C-Kore subsea measurement tools eliminate slow and cumbersome manual measurement and downline deployment during construction campaigns. They are used to prove the health of equipment during transit, installation, post-install verification and wet-storage. Faults are found immediately giving time for remediation with time-stamped datalogged results.

For more information please visit our website: www.c-kore.com
Find Faults Fast
C-Kore subsea measurement tools find faults and prove the health of umbilicals, jumpers, control modules, control modules, down-hole sensors (or anything else) without using downlines. The tools save days of vessel time allowing more to be achieved in every offshore campaign.

Mobilisation and deployment are simple. The measurement program is automated, dramatically speeding up the testing process and reducing the risk of human error.

The tools are not much larger than standard dummy plugs, allowing simple hand-carried mobilisation and easy handling for divers and ROV.

Streamlined Construction
C-Kore subsea measurement tools eliminate slow and cumbersome manual measurement and downline deployment during construction campaigns. They are used to prove the health of equipment during transit, installation, post-install verification and wet-storage. Faults are found immediately giving time for remediation with time-stamped datalogged results.

Safe for use on all subsea infrastructure, giving you better data faster

C-Kore - safe for use on all subsea infrastructure, giving you better data, faster

C-Kore modernises subsea electrical testing by eliminating the problems of traditional error-prone manual testing methods. C-Kore tools find faults in existing fields and prove the health of new subsea assets during installation. They work on umbilicals, EFLs, SCMs and distribution units.

C-Kore subsea testing tools perform fast automated testing for subsea Fault-finding and installation/commissioning work. Operations are completed much faster, saving customers time and money by reducing vessel days.

C-Kore Cable Monitor with Pressure Monitor
Monitor the health of electrical & fluid lines during entire construction campaigns

C-Kore - safe for use on all subsea infrastructure, giving you better data faster

Save multiple days vessel time
Obtain quick & reliable results
Diver safe and easy to use

For too long offshore testing has relied on error-prone manual measurement. Both fault-finding and installation tasks have been forced to use downlines of dubious condition and platform-led testing. This leads to slow and error-prone results.

C-Kore eliminates these problems, allowing testing to be completed much faster by automating the entire testing process and saving days of vessel time. The tools are not much larger than a dummy plug and can be fitted on the deck or subsea by diver and ROV.

In-Line C-Kore Unit
For difficult to access locations with restricted access or high connector density.

C-Kore Cable Monitor
Monitor the health of electrical & fluid lines during entire construction campaigns

C-Kore - safe for use on all subsea infrastructure, giving you better data faster

C-Kore modernises subsea electrical testing by eliminating the problems of traditional error-prone manual testing methods. C-Kore tools find faults in existing fields and prove the health of new subsea assets during installation. They work on umbilicals, EFLs, SCMs and distribution units.

C-Kore - safe for use on all subsea infrastructure, giving you better data faster

C-Kore modernises subsea electrical testing by eliminating the problems of traditional error-prone manual testing methods. C-Kore tools find faults in existing fields and prove the health of new subsea assets during installation. They work on umbilicals, EFLs, SCMs and distribution units.

Find Faults Fast
C-Kore subsea measurement tools find faults and prove the health of umbilicals, jumpers, control modules, down-hole sensors or anything else without using downlines. The tools save days of vessel time allowing more to be achieved in every offshore campaign.

Mobilisation and deployment are simple. The measurement program is automated, dramatically speeding up the testing process and reducing the risk of human error.

The tools are not much larger than standard dummy plugs, allowing simple hand-carried mobilisation and easy handling for divers and ROV.

C-Kore modernises subsea electrical testing by eliminating the problems of traditional error-prone manual testing methods. C-Kore tools find faults in existing fields and prove the health of new subsea assets during installation. They work on umbilicals, EFLs, SCMs and distribution units.
Find Faults Fast

Find faults fast without using downlines. The tools save days of vessel time allowing more to be achieved in every offshore campaign. Mobilisation and deployment are simple. The measurement program is automated, dramatically speeding up the testing process and reducing the risk of human error. The tools are not much larger than standard dummy plugs, allowing simple hand-carried mobilisation and easy handling for divers and ROV.

Find Faults Fast

C-Kore subsea measurement tools find faults and prove the health of umbilicals, jumpers, control modules, down-hole sensors (or anything else) without using downlines. The tools save days of vessel time allowing more to be achieved in every offshore campaign. The measurement program is automated, dramatically speeding up the testing process and reducing the risk of human error. The tools are not much larger than standard dummy plugs, allowing simple hand-carried mobilisation and easy handling for divers and ROV.

Streamlined Construction

C-Kore subsea measurement tools eliminate slow and error-prone manual measurement and downline deployment during construction campaigns. They are used to prove the health of equipment during transit, installation, post-install verification and wet storage. Faults are found immediately giving time for remediation with time-stamped datalogged results.

Simplify Subsea Testing

Simplify subsea testing by eliminating the problems of traditional error-prone manual testing methods. C-Kore tools find faults in existing fields and prove the health of new subsea assets during installation. They work on umbilicals, EFLs, SCMs and distribution units.

Save multiple days vessel time

Obtain quick & reliable results

Diver safe and easy to use

C-Kore modernises subsea electrical testing by eliminating the problems of traditional error-prone manual testing methods. C-Kore tools find faults in existing fields and prove the health of new subsea assets during installation. They work on umbilicals, EFLs, SCMs and distribution units.

C-Kore modernises subsea electrical testing by eliminating the problems of traditional error-prone manual testing methods. C-Kore tools find faults in existing fields and prove the health of new subsea assets during installation. They work on umbilicals, EFLs, SCMs and distribution units.

For more information please visit our website: www.c-kore.com
Identify faulty components within existing fields during Fault-Finding and prove the health of new components (e.g. umbilicals) during construction campaigns.

The C-Kore Cable Monitor can be used for both fault finding and construction campaigns. Compared to downlines or platform test-tabling, it is fast and simple to deploy to get accurate data on the health of subsea assets by measuring directly subsea to eliminate error and cost, ensuring an accurate, allowing new faults to be found and fixed with shorter campaigns.

Precisely locate faults and discontinuities within electrical cables during fault-finding and characterise new components during construction campaigns.

The Subsea TDR is normally used in tandem with the Cable Monitor for fault-finding. Once the Cable Monitor has narrowed down a fault to a single component (for example an in-field umbilical) the TDR is used to precisely pinpoint where in the cable that fault exists. This knowledge can be used to inform repair versus replacement strategies. By measuring directly subsea, test conditions are known and test error is eliminated, including impedance mismatches, attenuation, faulty cable ends and the difficulty of driving the TDR correctly.

Monitor and log pressure readings during new equipment installation to prove conformance and detect leaks.

When installing new assets the pressure monitor is used to prove that the fluid lines have been correctly pressurised and detect any leaks that occur, removing the need for manual measurement.

Powered by a high capacity battery for stand-alone operation, the pressure monitor can be connected to a nearby Cable Monitor or Subsea TDR to show results on the display. It is also possible to display real-time pressure readings together for measuring different fluid lines. Every reading is timestamped and stored in internal memory.

The exact unit specification varies with the measurement connector type, details for a typical unit are given below:

- **Dimensions**: 323 x 206 x 124 (mm)
- **Weight**: 6 in air 3 – 7kg
- **Depth Rating**: 3000 msw (connector permitting)
- **Operating Temperature**: -10°C to +60°C

Data Logger
Every measurement saved for future download and analysis

Connector Support
Wide range of subsea measurement connection styles (adapter supplied)

Physical Shock
Measures impacts, orientation and acceleration changes

Battery Life
Low power design gives C-Kore units years of battery life

OLED Display
Instant measurement feedback on the build-in display

Wireless
Subsea and surface enabled accessories for instant data retrieval

USB Configuration
Plug and play USB connection for easy configuration in the field

Reporting
Automatic report and spreadsheet generation from test results

Multiple Triggers
Configurable light, proximity and schedule triggers to start measurements

www.c-kore.com
Identify faulty components within existing fields during fault-finding and prove the health of new components (e.g. umbilicals) during construction campaigns.

The C-Kore Cable Monitor can be used for both fault finding and construction campaigns. Compared to downlines or platform-based testing, it is fast and simple to deploy to get accurate data on the health of subsea assets. By measuring directly subsea, substantial vessel time and cost savings are made, allowing more faults to be found and fixed with shorter campaigns.

C-Kore Systems Ltd
York, North Yorkshire, YO19 6ET, United Kingdom
Tel: +44 (0)1904 215161
Email: sales@C-Kore.com

Subsea tools for fault-finding and construction campaigns

C-Kore common features

- Depth Rated
  Standard products are rated for 3000 msw (connector permitting)
- Connector Support
  Wide range of subsea measurement connector types supported
- Physical Shock
  Measures impacts, acceleration and orientation changes
- Battery Life
  Low power design gives C-Kore units years of battery life
- Wireless
  Subsea and surface monitor accessories for instant data retrieval
- Multiple Triggers
  Configurable light, proximity and schedule triggers to start measurements

The exact unit specification varies with the measurement connector type, details for a typical unit are given below:

- Dimensions: 355 x 258 x 124 (mm)
- Weight: 5 – 7kg (in air)
- Depth Rating: 3000 msw
- Operating Temperature: -10°C to +60°C

Precisely locate faults and discontinuities within electrical cables during fault-finding and characterise new components during construction campaigns.

The Subsea TDR is normally used in tandem with the Cable Monitor for fault-finding. When the Cable Monitor has narrowed the location of a fault to a single component, the example as in a field umbilical, the TDR is used in a precise manner where the exact fault can be located. This knowledge can be used to inform repair versus replacement strategies. By measuring directly subsea, test problems of deck-based down-line testing are eliminated, including impedance mismatches, attenuation, faulty panel lines and the difficulty of finding the TDR correctly.

Monitor and log pressure readings during new equipment installation to prove conformance and detect leaks.

When installing new assets, the pressure monitor is used to prove that the fluid lines have been correctly pressurised and detect any leaks that occur, removing the need for manual measurement. Powered by a high capacity battery for stand-alone operation, the pressure monitor can be connected to remotely by Cable Monitor or Subsea TDR to show results on the display. It is also possible to relay the instantaneous pressure readings online together for measuring different fluid lines. Every reading is timestamped and stored in internal memory.

C-Kore System UK Ltd
York, North Yorkshire, YO19 6ET, United Kingdom
Tel: +44 (0)1904 215161
Email: sales@C-Kore.com

www.c-kore.com