

test & measurement
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JDSU SmartClass E1/Datacom Tester

JDSU,SMARTCLASS

Handheld field tester for the installation and commissioning of E1 and Datacom services. Applications include (not limited to), G.703 - 2MB/s testing, 2 M (Bulk), n x 64KB/s BERT, audio monitoring (VF drop & insert), ABCD/Sa monitoring, alarms (defects) and errors (anomalies) insertion, round-trip delay, DTE/DTE emulation and monitor mode. Interfaces with X.21, V.24 (RS-232), V.35, V.36 (RS-449), and EIA-530.



EXFO PPM-352B-EG-ER and FIP-400 Inspection Probe

EXF,PPM352 & FIP400

Kit includes PPM-352B-EG-ER optimised for FTTx E & GPON & FIP-400 inspection probe with handheld display. PPM352 has 10 user-definable threshold sets, as well as pass/warning/fail analysis features. Simultaneous measurement and display of all PON signals voice, data and video.



Fluke Networks 50um Fibre Launch Lead

FIB,LAUNCH MM 50UM

100 metres of 50um OM3 fibre terminated with SC connectors. A launch fibre lets the tester measure the loss of the first connector in the cable and makes a 62.5um OTDR compatible with a 50um network.



Datataker CANgate & Garmin 5Hz GPS

DE,CANGATE

Interface to allow Datataker loggers and a PC (via RS232) to access CANBUS networks including J1939 & OBD2. The device also includes a Garmin 5Hz GPS system.



Vermason 222541 Electrostatic Meter

VER,222ES

Electrostatic meter for periodic audits of facilities, monitoring packaging, materials, machines and other electrostatic generative equipment or processes. This precision field meter is designed to measure electrostatic voltage potentials over selected distances.

12V Battery Supply with Cigarette Power Connector

TR,12V-BAT-CIG

TR Built. 12V 20AH battery pack with built-in charger. Has cigarette outlet and banana plug connectors.



Narda NBM-550 & EF1891 Probe

NAR,NBM-550

Broadband field strength meter. Applications include, measuring field strengths to comply with general safety regulations and actual radiated power. Measuring broadcasting, radar, cell towers and other transmission sources. Includes GPS position, data logging and voice recording for comments.



TSI Dusttrak II Aerosol Monitor Logger

TSI,8530

Portable dust & particle monitor and light scatter photometer. Measure concentrations corresponding to PM1, PM2.5 & PM10. Aerosol concentrations .001 to 150mg/m³. Used for industrial/occupational HYGEG surveys, indoor air quality monitoring, outdoor environmental monitoring, baseline trending and screening.



TSI Environmental Enclosure for the TSI Dusttrak II Aerosol Monitor Logger

TSI,8530-ENC

Enclosure to suit the TSI,8530. Includes two additional batteries and charger. Includes waterproof enclosure, heat shield and enclosure stand.



IONSCIENCE Gascheck Helium, Butane & SF6 Detector

ION,GASCHECKG3

Micro thermal conductivity gas detector. Reading in cc/s, g/yr, mg/m³ or ppm. Detects most gases however particularly suited to ammonia, argon, butane, helium, hydrogen & SF6. Calibrated against helium. Battery life 40h sensitivity (cc/s) He 1x10-5, CH4 5x10-5, R12

5x10-5, Ar 1x10-4. Accuracy 5% of displayed reading +1 digit. Response 1s. Flow rate 2cc/min.

Horiba U-52 Multi-Function Water Quality Meter

HOR,U-52-10M

The Horiba U-52 is a multi-parameter water quality meter. It is designed to measure water at a drainage ditch or wharf, marshes, surface water and ground water. The unit measures pH, Oxidation Reduction Potential (ORP), dissolved oxygen, conductivity, salinity, Total Dissolved Solids (TDS), seawater specific gravity, temperature, and turbidity (LED). The probe diameter is 96mm the cable length is 10m.



ISCO 6700 Series Water Sampler

ISCO,6712

Advanced water sampler for fully programmed collection. Samples are collected in up to 24 disposable plastic containers based on time, flow, and/or parameter set points. Fitted with NEMA 4X,6 (IP67) sealed controller featuring an exclusive, built-in pump.

Van Essen Mini-Driver Borehole Level Logger & Barometer 20m

VAN,DI502

Barometric logger for atmospheric pressure compensation and it also logs temperature. Temperature range -20 to 80°C. Accuracy 0.1°C. Size 22mm x 90mm. Store 24,000 measurements per parameter. Stainless steel housing. Includes a barometric logger for compensation. 10 year battery life.



Fluke 1623 KIT GEO Earth Ground Tester

FLU,1623-KIT

Fluke ground earth tester that is able to perform the following tests:

1. 3 & 4-pole 'Fall of Potential' using stakes
2. 4-pole soil resistivity testing using stakes
3. Selective testing using 1 clamp and stake

4. Stakeless testing using 2 clamps only

Measuring range .001Ohm to 19.99Ohm. Stakeless measurement range .001 to 199.9Ohms.

Fluke 1625 KIT GEO Earth Ground Tester

FLU,1625-KIT

Fluke ground earth tester that is able to perform the following tests:

1. 3 & 4-pole 'Fall of Potential' using stakes
2. 4-pole soil resistivity testing using stakes
3. Selective testing using 1 clamp and stake
4. Stakeless testing using 2 clamps only

Measuring range .001Ohm to 19.99Ohm. Stakeless measurement range .001 to 199.9Ohms. Includes the capability of Automatic Frequency Control (AFC), to reduce interference, calculates resistance at 50Hz and has settable limits to allow go/no-go testing.



HV Diagnostic HVA TD60

HVD,HVA TD60

Tan delta or power factor tester used to determine the power factor of cables, transformers, capacitors, rotating machines and other switchgear. This test allows the detection of insulation defects before they fail in-service. Used in conjunction with the HVD,HVA60 VLF tester.

rent for a day, a month, a year or more

Megger Transformer Ohmmeter/Transformer Winding Resistance and Tap-Changer Test Set

MEG,TRANSFORMER-OM

Megger transformer ohmmeter/transformer winding resistance and tap-changer test set, with dual independent channels for simultaneous measurements on two windings, built-in safety discharge, shut-down feature and tests operation of on-load tap-changers. Measures the DC winding resistance of all types of transformers and rotating machines. This instrument can be used to check the make-before-break operation of on-load tap-changers and also to measure the contact resistance of each tap position.



Fluke VR1710 Power Quality Recorder Cable Detection

FLU,VR1710

Fluke single phase power quality analyser. Records RMS, transients, flicker & harmonics up to the 32nd. Selectable logging periods from 1s to 20min. Provides continuous recording with no gaps. Includes software for download, analysis and automatic reporting.



EZDIG Cable Avoidance Tool

CAB,EZIDIG

Excavator mounted service locator. This cable avoidance tool is designed to give real time warnings to an excavator operator of buried magnetic services. The kit includes the sensor unit, which is mounted on the excavator arm, the in-cab display and a signal generator.



TESTO 880-3 V4 Professional Set Thermal Imaging System

TES,880-3 V4

-20 to +350°C (Switchable). Infrared camera with integrated digital camera equipped with power LEDs for dark area illumination. Applications include (but not limited to) in-building thermography, electrical, mechanical & preventative maintenance, production & R&D monitoring,

technical diagnostics, underfloor heating and mould growth detection. Includes software for report creation.



Emerson 375 HART Communicator

EME,375

Whether on the bench or in the field, the 375 field communicator provides a single tool for configuring and diagnosing both HART and FOUNDATION fieldbus devices. The easy upgrade option allows easy, direct downloads from the internet as new fieldbus and HART device descriptions become available.



Fluke 70bar Pressure Transducer to suit Fluke Calibrators 725 & 744

FLU,700P08-70BAR

Fluke pressure transducer for use with the Fluke 744 & 725 industrial calibrators. Pneumatic system Range: 0 to 6900kPa, Resolution .7kPa, reference uncertainty .025%. Connection 1/4NPT and 1/4 ISO includes 700PTP-1 pressure pump (Note the pump will operate to 41Bar).



Fluke 70bar Pressure Transducer to suit Fluke Calibrators 725 & 744

FLU,700P31-690BAR

Fluke pressure transducer for use with the Fluke 744 & 725 industrial calibrators. Range: 0 to 69MPa, Resolution .007MPa, reference uncertainty .050%. Connection 1/4NPT and 1/4 ISO Includes 700HTP-1 pressure pump.

Fluke 70bar Pressure Transducer & Pump to suit Fluke Calibrators 725 & 744

FLU,700PD6-7BAR

Fluke pressure transducer for use with the Fluke 744 & 725 industrial calibrators. Range: -100 to 690kPa, Resolution .07kPa, Reference uncertainty .025%. Connection 1/4NPT and 1/4 ISO Includes 700LTP-1 pressure pump.



Aqua Snake Eye Video Inspection System

AQU, SNAKEEYE3

Handheld video system for remote inspection work. The system includes a 127mm TFT-LCD display and 30mm diameter camera including illumination. Various adapters are supplied for mounting the camera to your hand, a 457mm with 90° articulation arm, a 30m extension cable or an arm that extends from 1.6 to 3.6m. Includes memory card and will save images to the card.

Spectrum Video Inspection System

1m x 5.5mm probe

SPEC,1M

1m x 5.5mm diameter endoscope. Simple to operate system that can take still or video images at the touch of a button. The images are stored on an SD card that can be accessed via a USB port on the system. The system also has video out (PAL or NTSC) Resolution (Dynamic/Static): 320(H)*240(V)/640(H)*480(V). Field of View (FOV): 67°. Depth of Field (DOF): 15mm to 100mm. Light Source: 4 White LEDs. Water Proof (insertion tube only). Temperature Rating (insertion tube only) -20 to 70°C. Battery life approximately 2h.

Spectrum Video Inspection System

3m x 5.5mm probe

SPEC,3M

3m x 5.5mm diameter endoscope. Simple to operate system that can take still or video images at the touch of a button. The images are stored on an SD card that can be accessed via a USB port on the system. The system also has video out (PAL or NTSC) Resolution (Dynamic/Static): 320(H)*240(V)/640(H)*480(V). Field of View (FOV): 67°. Depth of Field (DOF): 15mm to 100mm. Light Source: 4 White LEDs. Water Proof (insertion tube only). Temperature Rating (insertion tube only) -20 to 70°C. Battery life approximately 2h.



Spectrum Video Inspection System 30m x 5.5mm probe

SPEC,30M

30m x 5.5mm diameter endoscope. Simple to operate system that can take still or video images at the touch of a button. The images are stored on an SD card that can be accessed via a USB port on the system. The system also has video out (PAL or NTSC) Resolution (Dynamic/Static): 320(H)*240(V)/640(H)*480(V). Field of View (FOV): 67°. Depth of Field (DOF): 15mm to 100mm. Light Source: 4 White LEDs. Water Proof (insertion tube only). Temperature rating (insertion tube only) -20 to 70°C. Battery life approximately 2h.



Testo Fibrescope 1.2m with Guide Tube

TES,319

Fibrescope, supplied with guide tube, 45° mirror & magnetic tip. No. of pixels: 6,000. Fibre-optic field of view: 50°. Angle of field of view: 45° ±5° Min. focus distance: 15mm (focus).



Minelab Discriminating Metal Detector

MIN,X-TERRA-705

Discriminating metal detector. Useful for locating lost coins, rings etc. Preset operating modes depending upon what is required. Preset noise cancelling.

rent for a day, a month, a year or more

MEL M5-200 4-20mA Optical Position Transducer

MEL,M5-200

Optical distance measurement device 4-20mA output. This device will measure distance from 240mm to 440mm with an accuracy of 0.06mm. It does not require a reflector on the surface of the device. The light spot diameter is 10mm. The light sensor is IP67. The 4-20mA transmitter is IP40. Will operate from 10 to 30V. Relay outputs indicate error condition. 1ms, 2ms or 20ms adjustable reaction time. Light source infrared 890nm invisible.



Hilti Safety Bolt Inspection System

HIL,TESTER4

Inspection system to test safety bolts (Safering Bolts) on the exterior of buildings. The instrument will check the bolts to AS1891.4-2000 industrial fall arrest systems and devices Part4: Selection, use & maintenance or to AS4488.2-1997 industrial rope access systems Part 2: Selection, use & maintenance. These tests need to be performed on a yearly basis on exterior connection points on buildings. These safe ring connection points will typically be used to suspend window cleaning harness systems.



Weinschel 23-10-34 Attenuator

10W 10dB DC-18Ghz

WEI,23-10-34

RF attenuator, DC - 18GHz, 10dB, 10W. Type N connectors.



Hilti PD38 Laser Distance Measurement with PDA

Hil,PD38

Hilti PD38 laser distance measurement with Bluetooth. The kit includes a PDA with a camera. It can take an image and directly transfer the dimensions from the PD38 to the image. Readings can also be transferred directly to an Excel spreadsheet. Battery 2xAA accuracy ± 1.5 mm. Minimum measuring distance .05m, maximum 200m with target (70m without target). Includes optical sight.



TSI AM510 Personal Aerosol Monitor

TSI,AM510

This is a wearable dust monitor. Built impator allows you to chose either 'none', 1.0, 2.5 or 10um particle sizes. Datalogs TWA in the range of particle concentrations from .001 to 20mg/m³. Runs 22.5h on 6xAA batteries. USB download capability.



Sorensen 150V 20A DC Power Supply

SOR, DCS150-20E

0 to 150V, 0 to 20A, 3KW power supply.

Applications range from manufacturing test & burn-in of automotive components, avionic electronics, telecommunications, consumer products, beam steering, process control and laboratory R&D use.



Fujikura FSM60 Core Alignment Fusion Splicer

FUJ,FSM60S-CT30

Core alignment fusion splicer for splicing multi and single-mode optical fibre. Battery and mains operated. Features splice protection heater, detachable work table and arc free calibration system. Includes fibre cleaver.



CHK GridSense PowerMonic Power Quality Analyser

CHK,PM45

Power quality analyser, suitable for low voltage investigations, power profiling & load studies, harmonic analysis, power factor studies & flicker and imbalance monitoring. Features IEC61010 Cat IV 600V safety certificate, weatherproof IP65 case, 4 channel voltage and 4 channels current plus neutral. Supplied with 4x Flexi F3000-6 clamps. VA,B & C 0 to 600VAC Vgnd 0 to 60VAC, Current input 0 to 3000A.

coming soon



Kingfisher Two-Way Insertion and Return Loss Test Sets

KIN,K173410C

Two-way insertion and return loss test sets perform bi-directional loss measurement in two directions simultaneously. They also measure absolute power level or generate and find tones. Two LTS are used to check cabling losses. Single operator pass/fail operation in a PON type environment is easily achieved.



Kingfisher Optical Attenuator

KIN,7010B

Automated variable optical attenuator. Applications include transmission equipment commissioning, maintenance, quality assurance, R&D and more.

Anritsu CMA3000

ANR,CMA3000

For the installation and maintenance of 2 M and Nx64Kbps mobile and fixed-access, transmission networks. Key applications include commissioning, rapid in-service diagnostics, in-depth & all-layer analysis of transmission problems, PCM link performance, protocol analysis & troubleshooting, signaling-message sequences, call emulation and more.

Anritsu MT9083

ANR,MT9083

Fault location for all PONs and metro fibre networks. Whether testing single splitter applications up to a 1x64 or closely spaced distributed splitters. High resolution and dynamic range available for installing and maintaining FTTx networks. The access master offers the ideal solution for efficient optical fibre construction and maintenance. Evaluate access networks ranging from a few kilometres to metro networks reaching up to 100+km.

Telewave 44AP Broadband RF Wattmeter

TEL,44AP

20 to 1000 MHz, 1 to 500W Inline Wattmeter used for direct measurement of forward and reflected RF power in a coaxial transmission line under any load conditions. Includes an RF sampling port, with an output 40dB below the total transmission line level, for frequency measurement, signal injection or spectral analysis.



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