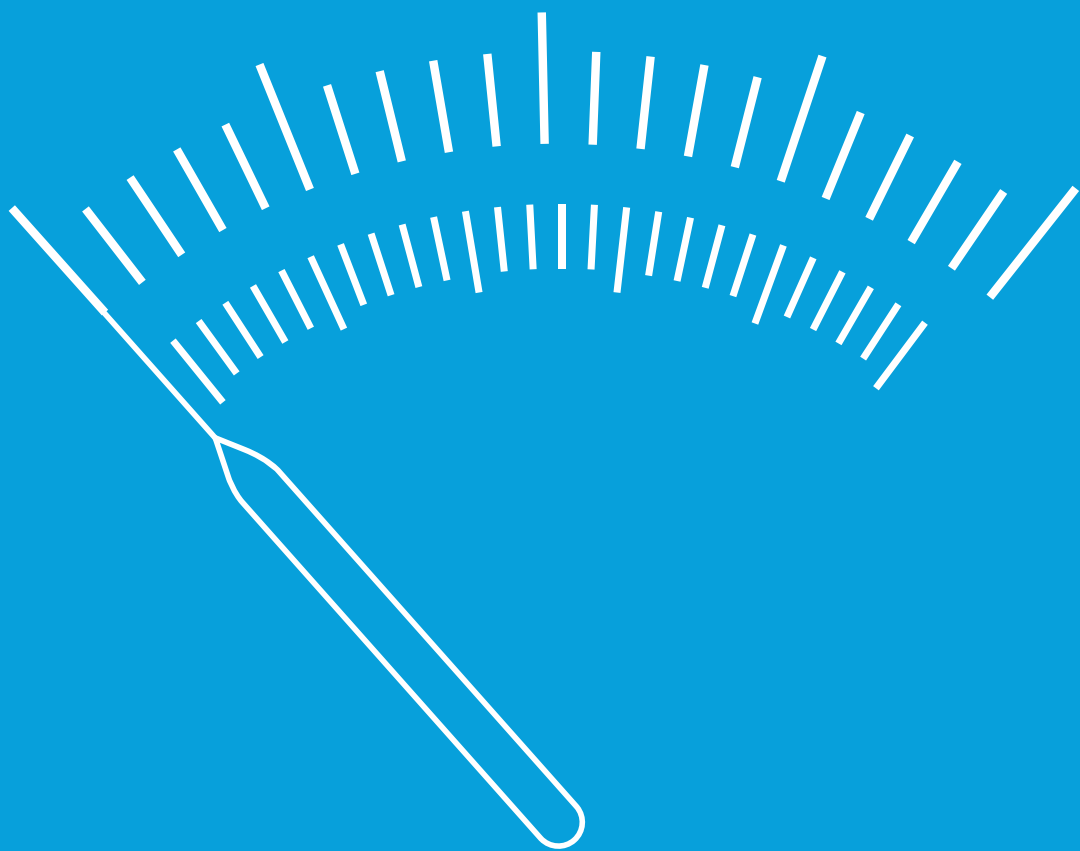


TEST, MEASUREMENT, & RADIATION DETECTION



ABOUT ADM

FOR OVER 30 YEARS, ADM HAS BUILT A SOLID REPUTATION ACROSS AUSTRALIA AS A SUPPLIER OF HIGH-QUALITY RADIATION DETECTION EQUIPMENT AND OTHER TEST & MEASUREMENT INSTRUMENTS, WHICH ARE HIGH RELIABLE, ACCURATE AND YET COST EFFECTIVE.

ADM's primary objective is always customer service, and after three decades of working closely with our suppliers, we know that we achieve this by carrying stock locally, providing application specific advice and offering complete solutions.

Lutron
LUTRON

Thermo
SCIENTIFIC
THERMO FISHER
SCIENTIFIC



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WATER QUALITY MEASUREMENT

MULTI-PARAMETER METERS



- Multi-parameter water quality meters with integral data logging
- pH/ORP, DO, CD/TDS sensors
- Large LCD with green backlight

CONDUCTIVITY METERS



- Conductivity meters with removable SD card data logging
- Ranges: 200 uS/2/20/200 mS
- Automatic temperature compensation

PH METERS



- pH meters with removable SD card data logging
- Range: 0-14 pH
- Automatic temperature compensation

DISSOLVED OXYGEN METERS



- Dissolved oxygen meters with removable SD card data logging
- Range: 0 - 20 mg/l
- Automatic temperature compensation

SALINITY METERS



- Salinity measurement: 0 to 10.0% salt (% weight)
- Large LCD display, 21.5mm digit height
- Automatic temperature compensation

TURBIDITY & CHLORINE METERS



- Turbidity: 50.00 NTU. 50 to 1,000 NTU
- Free & total chlorine
- Light source: LED, 850nm & 525 nm respectively

FEATURED PRODUCT

LUTRON PWA-301 PURE WATER METER

- For testing the water quality in production processes, aquariums food processing, etc.
- Can be used to test domestic water supply to assess effectiveness of filtration systems.
- Measures conductivity value (ranging from 0 - 1,999 uS), which determines the purity of the water.
- Conductivity value will be low if there are less impurities in the water.
- All-in-one pen type meter with probe.
- Carbon rod electrode for long life.
- Built-in temperature sensor with automatic temperature compensation.
- IP67, water ingress resistant.
- Data hold function for freezing the desired value on the display.
- High accuracy.



ENVIRONMENTAL MEASUREMENT

MULTI-FUNCTION METERS



- Multifunction meters capable of measuring 1-11 parameters depending on the model
- Parameters available: Light, air velocity, air flow, humidity/temperature, pressure, dew point, wet bulb, wind chill, heat index, altitude & sound level

NOISE DOSIMETERS



- Noise Dosimeter with removable SD card data logger
- Standards IEC61252, ANSI S1.25 for noise dose & sound exposure meters, IEC 61672 Class 2 / ANSI S1.4 Type S for sound level meters
- A or C frequency weighting

SOUND LEVEL METERS



- Class 1 & 2 Sound Level Meters
- Real time data logging onto a removal SD memory card
- Frequency & time weighting meet IEC61672 class 1

ANEMOMETERS



- Vane & mini-vane anemometers
- Hot wire anemometers
- With and without data logging capabilities

HYGROMETERS



- Precision hygrometers to measure humidity (%RH), wet bulb temperature
- Removable SD card real time data logging

MOISTURE METERS



- Moisture measurements in wood, concrete and soil
- Range: 6 - 40%
- Data logging optional

FEATURED PRODUCT

LUTRON DS-2013 NOISE DOSIMETER

The DS-2013 is a personal noise dosimeter that meets IEC61252, ANSI S1.25 for noise dose & sound exposure meters, IEC 61672 Class 2 / ANSI S1.4 Type S for sound level meters.

It features A or C frequency weighting and can be set to a fast or slow response rate. It can be used to measure noise levels directly or as a dose meter with selectable measurement durations from 1 minute to 24 hours.

It includes a microphone & the ability to log data on a removable SD memory card.



ENVIRONMENTAL MEASUREMENT

LIGHT METERS



- Light meters, 4 light type
- Bar graph display, wide range
- 40.00/400.0/4,000/40,000/400,000 Lux
- Lux or Feet candle-unit

UVA, UVB, UVC METERS



- UV light meter
- Spectrum: 290 nm - 390nm
- Application: UVA, UVB or UVC measurements

SOLAR POWER METERS



- Wide spectral range, long term stability cosine correction
- Range: 0 - 2000 W/m²
- Spectral response: 400 to 100 nm

RF EMF METERS



- Wide range of EMF testing equipment
- Incl.: 3 Axis RF electromagnetic field meter
- 100 KHz to 3.5GHz
- 3 axis probe structure

HEAT INDEX METERS



- Measurement: WBGT value (Indoor/Outdoor wet bulb globe temperature)
- Black globe temperature
- Humidity, air temperature, wet bulb temperature, dew point temperature

THERMOMETERS



- Conventional PT100 or thermocouple measurements
- IR low & high temperature measurements
- Removable SD card data logging optional

FEATURED PRODUCT

LUTRON PM-1064SD

- Monitors air pollution caused by dust, petrochemicals, smoke, burning of fossil fuels and by vehicles.
- Real-time monitoring of the concentration of PM2.5, humidity & temperature indoors.
- PM2.5: 0 to 250 µg/m³ (time weighted average reading).
- Humidity: 5 to 95 %RH.
- Temperature: 0 to 50 °C, °C/°F.
- CO2: 0 to 10,000 ppm.
- Barometer: 10 to 1100 hPa, mmHg, inHg.
- Alarm function with audible output.
- Health index (0-9) detection and alarm.
- Built-in clock & Calendar.
- Real time data record with SD memory card.
- Sampling time can be set from 1 second to 3600 seconds.
- Just slot the SD card into the computer and all the measured values with the time information (year, month, date, hour, minute, second) can be downloaded into a spreadsheet.



ELECTRICAL

POWER ANALYSERS



- Single & multi-phase power analysers
- Removable SD card data logging
- Voltage, current, True Power, Apparent Power, Reactive Power, Watt-Hour, power factor etc.

DIGITAL MULTIMETERS



- Cat III - 1000 V auto ranging
- ACV, ACA, DCA, ohms, continuity buzzer, Hz, capacitance temperature, diode

INSULATION TESTER & WATT METERS



- Wide range of insulation testers and watt meters
- Available with internal data logging
- Up to Cat III 1000 V

LCR METERS



- L : 200.00 uH to 2000.0 H
- C : 2000.0 pF to 2.000 mF
- R : 20.000 to 200.0 M
- Series/Parallel modes are selectable.

CLAMP METERS



- Smart operation, function: A, V
- VL ACV, DCV, resistance, diode, continuity, capacitance
- A: ACA (600A, 1000A, 2000A)

FLEXIBLE AC POWER METERS



- Heavy duty
- Flexible cable length: 280mm
- Flexible cable diameter: 8mm
- For the measurement of: True power, power factor, apparent power & reactive power

FEATURED PRODUCT

LUTRON DW-6095 POWER ANALYSER WITH RSW-914 WI-FI CONVERTER

- 3 phase power analyser with built in SD card datalogger
- Can be used in conjunction with Lutron RSW-914 to give WiFi functionality
- WiFi function allows you to read data on smart device, or laptop
- Analysis of 3 phase multi-power system, 1P/2W, 1P/3W, 3P/3W, 3P/4W
- Complete with 4 x test leads, 4 x alligator clips, 3 x clamp probes, AC to DC 9V adapter, SD memory card & carrying bag.
- No need for re-calibration if current probe is changed
- RSW-914 Wi-Fi Converter has 3 input/output terminals:
 - 1. DC 9V power input
 - 2. DC 9V power output (power supply for the DW-6095)
 - 3. Meter RS232 input (photo isolates RS232 type)



INDUSTRIAL

FORCE GAUGES



- High precision hand held force gauges
- 5, 20, 100 kg models available
- With or without removable SD card data logging

TACHOMETERS



- Photo and contact tachometers
- 0.5 to 100,000 rpm
- Perfect for automotive applications

VIBRATION METERS



- Single & multi-channel vibration monitors
- Available with internal removable SD card data logging
- AC or DC powered

THERMOMETERS



- IR low & high temperature measurements
- Conventional PT100 or thermocouple measurements
- Removable SD card data logging optional

MOISTURE METERS



- 0 - 100% moisture content
- Designed for air, soil, wood & concrete measurements

PRESSURE & VACUUM METERS



- Pressure & vacuum meters
- 0 - 2, 5, 10, 20, 50, 100, 400 bar sensors available
- With or without data logging

DISPLAYS/TRANSMITTERS



- Control alarm indicators for a wide variety of inputs
- Multiple alarm & control outputs
- AC & DC powered

DISPLAY/DATA LOGGERS



- Data logger & display for up to three 4-20mA inputs or three 0 - 10V inputs
- Saves the measuring data onto a removable SD memory card for later analysis using Excel

RS232 TO WIFI CONVERTERS



- RS232 to WiFi converters
- Connect up to 3 Lutron instruments with RS232 for remote communication over a WiFi network

INDUSTRIAL FEATURED PRODUCT

RADEYE HANDHELD RADIATION DETECTORS

Thermo
SCIENTIFIC

The Full Range of RadEye Handheld Radiation Detectors is available from ADM Nuclear Technologies.

Advanced handheld instruments for radiation detection, gamma dose rate measurements & area monitoring.

- Rugged and reliable
- Large graphic display
- Lightweight instruments, starting from 160 g
- Simple & intuitive user interface
- Easily configured for specific tasks
- Durable & shock resistant
- Accurate with excellent EMI immunity
- Low power technology
- Use of rechargeable standard-size batteries



IONISING RADIATION

ELECTRONIC DOSIMETERS



- Personal electronic dosimeter providing protection from gamma & neutron radiation
- Excellent response
- 15 keV to 10 MeV energy range

DOSE RATE METERS



- High sensitivity for X-Ray, gamma & neutron radiation
- 17 keV to 3 MeV energy range
- Range: 0 - 100 mSv/hr
- Wide variety of models for all applications

CONTAMINATION MONITORS



- High sensitivity for alpha, beta & gamma radiation
- 17 keV to 3 MeV energy range
- Portable & permanently mounted solutions

IONISING RADIATION FEATURED PRODUCT

THERMO SCIENTIFIC RADEYE B-20 SURVEY & DOSE RATE METER

The RadEye B-20 is a versatile modern and compact survey meter that measures alpha, beta, gamma and X-ray surface contamination. In addition these pocket-sized instruments can also be used for accurate dose rate measurements, if used with optional energy compensated filters (17 keV - 3 MeV).

- Energy range: 17 keV to 3 MeV
- Light weight (300g), excellent grip with and without gloves
- Huge internal data memory for both scaler results and continuous data recording



NORM & NON-IONISING RADIATION DETECTORS

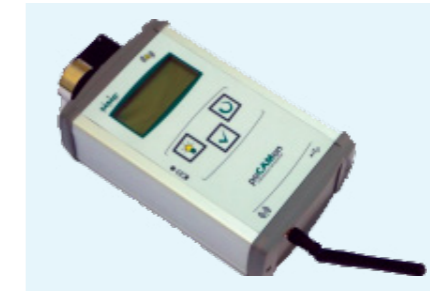
NORM RADIATION DETECTORS

RADON DOSIMETERS



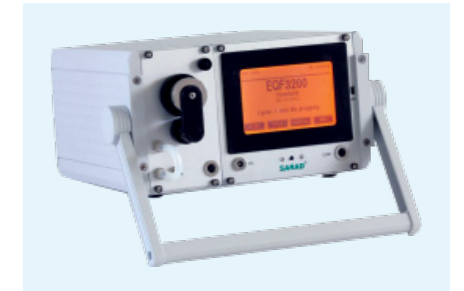
- Measurement range: 0 - 4,000,000 Bq/m³
- User-friendly one-button operation
- Memory for 720 data records

RADON AIR SAMPLER MONITORS



- Desktop and personal devices
- Devices for continuous air monitoring
- Devices for inhalation dose measurement

RADON & THORON MONITORING SYSTEMS



- Radon & Thoron Dose Evaluation
- Measurement of concentration of Gas & Decay Products
- High sensitivity

EMF METERS

ECONOMICAL EMF METERS



- Quick & reliable measurement.
- Measurement of EMF levels around power lines, home appliances and industrial devices.

3 AXIS EMF METERS



- Non-directional (isotropic) measurement with three-channel (triaxial) measurement probe.
- Real time SD memory card Datalogger.

PROFESSIONAL RF FREQUENCY FIELD TESTERS



- 3 axis probe structure
- Interchangeable probes with for different measurement ranges
- Built in data logger
- Measuring units: V/m, W/m², mW/cm²

ADM NUCLEAR TECHNOLOGIES

Australia's experts in the supply, calibration and servicing of radiation detection equipment. Radiation detection and monitoring equipment for almost any application.

SERVICES

- Expert advice on selecting the correct instrument
- Calibration services
- Repairs and maintenance
- Source acquisition and disposal

PRODUCTS

- Personal dosimetry (active & passive)
- Survey meters & contamination monitors
- Blood irradiation systems
- Identifiers
- Shielding materials



CALIBRATION

SOUND LEVEL



- Sound Calibrators
- 94 dB or 114 dB 1 KHz
- Designed for easy calibration of the Lutron sound level meters

ELECTRICAL - BASIC



- Voltage & current calibrators
- Capacitance decade boxes
- Wide variety of test clips & kelvin clips

BURSTER TRANS CAL 7281



- Supported sensors: Strain gauge/normalised signal $\pm 5V$, $\pm 10 V$, potentiometric sensors
- Device test: Strain gauge simulator up to $\pm 50 mV/V$
- Excellent linearity with non-linearity $< \pm 0.001 \%$
- Storage of up to 16 measurement programs
- Data logger for up to 30.000 measurements

BURSTER DIGISTANT® 4420



- Calibration and measurement unit for voltages, currents, temperatures & resistances
- All functions can be fully controlled & configured via RS232 interface
- Simultaneous transmission & measurement
- Automatic ramp function
- Simple menu assistance via display
- Voltage range $\pm 1 \mu V$ to $\pm 11.000 V$
- Current range $\pm 200 nA$ to $\pm 22.000 mA$

BURSTER DIGISTANT® 4462



- High precision current & voltage source $\pm 52 mA$, $\pm 30 V$ Option: $\pm 22 mA$, $\pm 60 V$
- Precision simulation for all conventional thermocouple types (optional)
- Error limit 0.003 % Rdg.
- Standard with RS232 & IEEE488 interface, USB & Ethernet (optional)
- Current "SINK"

BURSTER 4530



- Simulation of Pt100, Pt200, Pt500, Pt1000, Ni100 & Ni1000 sensors
- Accuracy 0.02 °C
- Temperature scales ITS 90, IPTS 68
- Real Ohm simulation
- Control manually or remotely via RS232/IEEE488/USB Converter

FEATURED PRODUCT

LUTRON CC-421 VOLTAGE / CURRENT CALIBRATOR

Excellent Value! – Don't Drop Expensive Instruments in the Sewage Tank!
Handheld instrument for calibrating process devices and measuring process signals.

- Four functions:
 - Precision current source
 - Measurement of current signal
 - Power and measurement of two wire loop
 - Precision DC mV source
- Power (12 V) and current measurement of two wire loop : 0 to 24 mA, 2 ranges
- DC mV source : -199.9mV to +199.9mV
- Current calibrator drives loads up to 500 ohms
- Sampling time: Approx. 0.4 seconds
- Complete with alligator clips



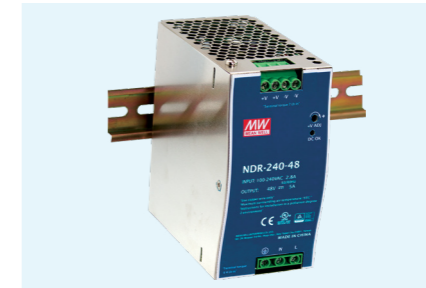
SPECIALISED POWER SUPPLIES & SENSE PRODUCTS

DIN RAIL UPS SYSTEMS



- Complete DIN rail mount UPS system
- DIN rail power supply & switching controller in single unit
- Supplies can be networked for:
 - System monitoring & event logging
 - System configuration
 - Alarms & recorder management
 - Event programming

DIN RAIL POWER SUPPLIES



- Single, two & three Phase
- 10 WATTS ~ 960 WATTS
- Current sharing models (connect in parallel)
- Programmable models in stock

POWER ADAPTORS



- Plug pack & desk top types
- Australian approvals
- High efficiency
- Wide range of adapter cables

POSITION SENSORS



- Sensors & transducers for the measurement of linear, rotational & angular position
- Linear position
- Rotary position
- Inclometers

PROCESS SENSORS



- Wide range of process transmitters for the measurement of:
 - Pressure
 - Humidity
 - Temperature
 - Gas flow rate

LOAD CELLS



- Australia's most comprehensive range of load cells
- Solutions for almost any application where force needs to be measured
- From miniature button cells to high capacity weighbridges

FEATURED PRODUCT

HIGH EFFICIENCY POWER SUPPLIES

The MEAN WELL GE series plug packs carry Australian approvals and are readily available from stock.

Don't buy a non-approved power supply from overseas. Not all MEAN WELL power supplies have Australian approvals. ADM only stocks Australian approved MEAN WELL power supplies.

The GE series plug packs have an impressive energy efficiency (MEPS) level VI rating.



OUR SUPPLIERS



MEAN WELL



POWER SOURCE

Authorized
Solution Provider

Eurotherm
by Schneider Electric

EUROTHERM



THERMO FISHER
SCIENTIFIC



POSITAL FRABA



HYTRONIK



ESI



UNIMEASURE



MIDORI



ASHLAND



BURSTER



EYC



LUTRON



MONITRAN



PT GLOBAL



RDP



RICE LAKE



SARAD



SEIKA



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