HydroMace XCi Specifications



GENERAL

Weight	Approx. 5kg (11lbs)
Dimensions	36.5cm (H) x 26cm (W) x 17cm (D) 14.4" (H) x 10.2" (W) x 6.7" (D)
Enclosure rating	IP66
Enclosure material	UV stabilized polycarbonate
Operating temperature (with internal battery installed)	-15 to +50° C (5 to 122° F)
Operating temperature (with internal battery removed and external power used)	-20 to +65° C (-4 to 150° F)
Backlit display	16 character x 2 line alphanumeric LCD
Program memory	2 Mb flash (sufficient for 600,000 discrete readings)
Power	Internal 12Volt 7.2Ah battery with external solar panel or mains charger
Units of measure	User definable (metric/US)
Application software	FloCom ⁺ PC software for system configuration, data downloading and diagnostics.
	Minimum system requirements - Windows® XP
Factory backup	24 month parts and labour guarantee

Note to end users: These specifications are subject to change at any time without notice. MACE takes no responsibility for the use of these figures. Please consult MACE for the latest specifications before using them in contract submittals or third party quotes etc. MACE reserves the right to change specifications without prior warning. All quoted figures are based on test conditions and are subject to variation due to site conditions.

40 years of innovation from the inventors of solid state data logging

MACE is an Australian owned company founded in 1968 by electrical and mechanical engineer Lawrence Campbell who recognized the importance of flow measurement and flow monitoring in the global environment. For 40 years MACE has designed and manufactured electronic monitoring instrumentation including ultrasonic flow meters, data loggers and controllers. Continued commitment to research and development over the past four decades has ensured MACE's provision of the most advanced high technology equipment for the agricultural, industrial and environmental markets.

MACE has a core team of research and development engineers who are focused on providing customer driven products that are both easy to use and withstand the test of time in often remote and harsh environmental conditions. MACE is committed to providing its clients with personalized service, training and technical

DFR-77 DATA LOGGER

1977 - The world's first commercial EPROM data loggers, the MACE DFR-77 were delivered. Hundreds of these instruments were used throughout Australia and Papua New Guinea working under the harshest imaginable conditions

technique proved to be the most reliable method of electronic data storage.



HYDROMACE TRS

1984 - MACE introduced the Hydromace system which gave environmental field stations the combined capabilities of data logging, control, telemetry via telephone, radio or satellite and intelligent response

to both computer



HYDROMACE 2000

1992 - The HydroMace 2000 data logger provided multi-channel logging and control in water catchments, sewer treatment plants and industrial pollution applications. A leader in its time, many are still in use in catchment management

and flood warning networks across Australia



DISTRIBUTOR:







Introducing the HydroMace XCi

The HydroMace XCi can be used to monitor just about any envornmental sensor. Use the versatility of HydroMace XCi to monitor inputs as diverse as: Flumes & weirs, water quality sensors & rainfall gauges, drinking water flows (leak detection) and weather stations.

The HydroMace XCi continues the long heritage established by MACE over 40 years ago for remote data logging and telemetry.

With a fully integrated data logger, solar regulator and battery housed in one rugged weatherproof enclosure, the HydroMace XCi is built to withstand the harshest of environments. Furthermore, the tradition of the HydroMace is continued by the ability to plug 'n' play just about any environmental sensor.

With the license-free point 'n' click FloCom+ configuration software, no proprietary coding knowledge is required to get the HydroMace XCi going in record time!



Ready-to-Go straight out of the box

The MACE HydroMace XCi system includes:

- ✓ Data logger
- ✓ Battery
- ✓ LCD display Solar regulator
- ✓ Multiple cards (application dependent)

All this in one loackable, ruggedized, weatherproof enclosure. No more hunting around for bits and pieces. In most cases you can be up and monitoring in just a couple



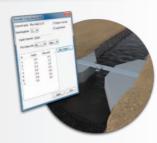
Easily configure with MACE FloCom+

- Free configuration and diagnostic software
- Powerful easy to use Windows® interface
- Painless point 'n' click channel calibration
- · No proprietary coding knowledge required



SDI-12 sensor interface

- Plug 'n' play environmental sensors
- Water quality multi-sonde - pH, DO, EC water quality sensors
- Weather sensors
- Support up to 10 sensors per SDI-12 card
- · Powerful SDI-12 setup utility
- SDI-12 version 1.3 compliant



Flume & weir equations built-in

- Native support for:
- Rectangular weirs
- V-notch weirs
- Parshall flumes
- Replogle, Palmer-Bowlus flumes
- Lookup table for other rated structures
- Multiple instances of each flume/weir



Access data remotely with WebComm

- MACE WebComm card for GSM/3G gives remote access to your data
- Card is powered by and housed in the HydroMace XCi
- Data is pushed from your HydroMace XCi device to the MACE Data Server where it is available for retrieval on your PC or smartphone
- SMS/Email alert subscription service available



I/O Card

voltage and digital.

The card also supplies 12V

to power your add-on sensors.

Multiple cards for multiple sensor applications

The HydroMace XCi (multiple card interface) allows the user to monitor just about any environmental sensor. Users can install any combination of the MACE cards shown, in the five available card slots. Choose the right card/s for your application to tailor the HydroMace to your exact monitoring requirements. HydroMace XCi is expandable and future proof - only add the cards as and when you need them.

With a WebComm card installed, your environmental data can be accessed free, 24/7 from the MACE website.

Pulse I/O Card This card powers (+5VDC or

+ 12VDC) a single pulsing flow sensor and provides a pulse This card supports seven sensor inputs and four control outputs including 4-20mA,

This allows HydroMace XCi the ability to sense pulses from non-MACE flow sensors.

FloSI Card

This card provides an SDI-12 or ModBus output to interface HvdroMace XCi to SCADA

SDI-12 Master Card

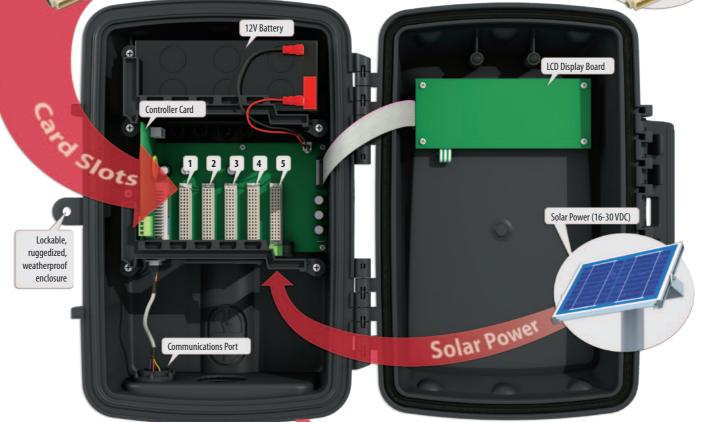
This card provides HydroMace XCi with the ability to behave as an SDI-12 Master to control and log SDI-12 sensors.



WebComm Card

This card provides HydroMace XCi the ability to automatically upload internal logged data to the web-based MACE Data Server via mobile telephone networks.









EchoFlo Ultrasonic

Depth/Level Sensor

Flow Sensors

