HydroMace XCi Specifications

GENERAL

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

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 1966 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 back-up to ensure successful monitoring.

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. The EPROM data recording 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 or human interrogation.

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.

For customer service, call 1300-735-295
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Introducing the HydroMace XCi

The HydroMace XCi can be used to monitor just about any environmental 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!

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.

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 lockable, ruggedised, weatherproof enclosure. No more hunting around for bits and pieces. In most cases you can be up and monitoring in just a couple of hours.

Easily configure with MACE FloCom

- Free configuration and diagnostic software
- Powerful easy to use Windows® interface
- License-free 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
  - Replagle, 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

Solutions using HydroMace XCi

- Broad Crested Weir
- Flume & weir equations built-in
- SDI-12 sensor interface
- Flume & weir equations built-in
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