

iMIC Environmental Control

The new iMIC accessory, developed with our partner Solent Scientific Ltd., gives you tight control over the environmental conditions during your iMIC experiment.

- Control the temperature of sample and objective simultaneously in steps of 0.1°C;
- Temperature range from 32°C to 42°C;
- Control the CO₂ content of the sample compartment;
- Access sample and microscope through 2 front-doors conveniently placed at 45°;

The chamber provides ample space for attachments, such as electrophysiology equipment and/or a transmitted light illumination pillar (available for the iMIC as accessory).

Through the construction of the chamber you can remove it easily and quickly.

iMIC Environmental Control

iMIC CO₂ Enrichment

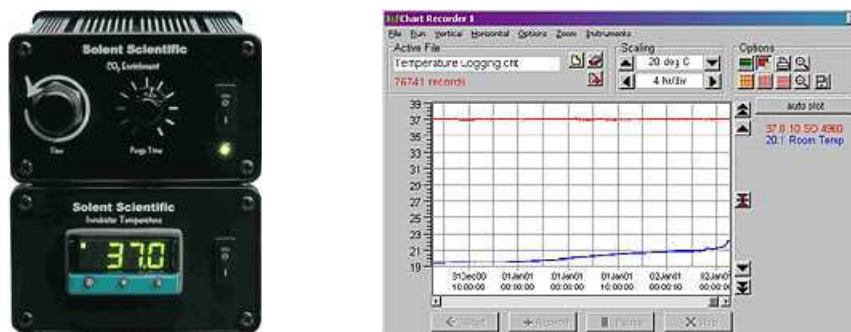
A CO₂ enriched environment extends the life of the growth medium during prolonged experiments. A precision needle valve controls the flow of CO₂ or CO₂ mixture through a water reservoir. This both humidifies the gas and gives a simple, visual indication of flow.



CO₂ Equipment

iMIC Temperature Logging

The temperature registered by a platinum foil sensor located in the environmental chamber may be logged for the duration of the experiment.



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TILL Photonics GmbH · Lochhamer Schlag 21 · 82166 Graefelfing · Germany
Phone: +49 89 895 662-0 · Fax: +49 89 895 662-101
info@till-photonics.com · www.till-photonics.com

TILL USA · 1286 Blossom Drive · Victor · NY 14564 · USA
Phone: +1 866 547 8455 · Fax: +1 866 863 5581 · sales@till-usa.com