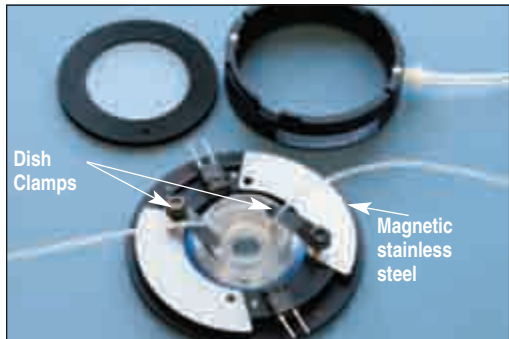
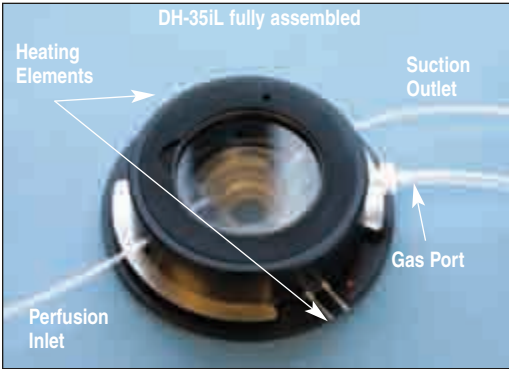


micro-incubators

DH-35iL

Micro-incubation System for 35mm Cell Culture Dishes

Complete environment on the microscope - New light weight for use in Z stages 105 grams



- Designed for glass bottom 35 mm dishes
- Permits imaging, temperature and gas environment control
- Compatible with Corning, Falcon, MatTek, Nunc, Willco Wells and WPI Dishes
- Unique dish clamps permit easy cell access
- Compatible with Warner's RC-37 Cell Culture Dish Perfusion Chamber Inserts

The introduction of glass bottomed 35 mm culture dishes extended their use into areas such as confocal microscopy, fluorescence microscopy, and high resolution image analysis. The DH-35iL Culture Dish Incubator is a system designed for imaging live cells in an open culture dish (for easy access) or in a closed dish (for gas atmosphere control).

DH-35iL Incubators work well with 35 mm culture dishes from all suppliers. Adapter rings are supplied to ensure a close fit for the supported dish. Dishes can be placed in the holder with or without dish covers.

The holder is machined in three pieces. The midsection and top are easily removed for dish replacement and enables the positioning of electrodes at low angles. Resistive heating of the DH-35iL is provided via the optional Warner TC-324B/TC-344B Temperature Controllers and a CC-28 cable. Clamps are provided to ensure good contact between the dish and the heated surface and to prevent unwanted movement. The removable midsection is magnetically secured and has several ports to allow multi-channel perfusion, atmospheric maintenance, and aspiration of the dish.

The base of the holder has a 25 mm aperture and the removable cover features a 36 mm glass aperture.* Included with the system are an MP-2 Perfusion Manifold and a set of 6 culture dish adapter rings.

When combined with the Warner RC-37 Cell Culture Perfusion Chamber Insert, a complete micro-environmental system is achieved, and this system is compatible with Warner's SH-27B and SF-28 In-line Solution Heaters.

Series 20 Stage adapters are available for all major microscopes. Custom or modified stage adapters are also available; call our technical support department for details. See pages 64 to 69 for Stage Adapters.

* Distance between bottom and top cover glass is 18.3 mm.

Order #	Model	Product
W4 64-0349	DH-35iL	Culture Dish Incubation System, Includes Set of 6 Adapter Rings

Accessories and Replacement Parts

W4 64-0351	AR-4	Retaining Clips, Magnetic Holders MAG-1 and MAG-3, Wire Probe Support, Lift Tool, PE-160/10 CFlex Tubing
W4 64-0100	TC-324B	Heater Controller, Single Channel
W4 64-0101	TC-344B	Heater Controller, Dual Channel
W4 64-0106	CC-28	Cable Assembly for Heater Platforms
W4 64-0102	SH-27B	In-line Solution Heater
W4 64-0103	SF-28	In-line Solution Heater
W4 64-1543	HSC-1	Heated Top Coverslip
W4 64-1544	HSC-RPL	Replacement ITO Coverslip