

QE-1HC

culture dish platforms

Quick Exchange Heated / Cooled Platform for 35 mm Petri Dishes

Temperature control from 5° to 50° C for the Leica Galvo Z stages



Shown with glass bottom 35 mm cell culture dish



Complete system with CL-100 Temperature Controller and TCM-1 Thermal Cooling Module

- Designed for use with 35 mm Petri dishes and Series 40 quick change imaging chambers
- Open design for easy cell access
- Dish adapters for all major brand 35 mm dishes
- Temperature control from 5° to 50°C
- Magnetic suction and perfusion tube holders
- Magnetic dish clamps
- Available stage adapters for all microscopes

The Warner QE-1HC is designed to work with Warner RC-40 quick change imaging chambers and all 35 mm cell culture dishes. Precise temperature control of the media is possible when combined with our low noise CL-100 temperature controller and TCM-1 Thermal Cooling Module (heat exchanger). An integral water jacket is used to remove excess heat from the internal Peltier device.

Magnetic clamps hold cell culture dishes and quick change imaging chambers securely in place. Magnetic stainless steel along the perimeter of the platform allows for the use of included magnetic suction and perfusion tube holders (included).

Fits Series 20 stage adapters. All major microscope stages are accommodated. Custom or modified stage adapters are also available; call our Technical Support Department for details or see visit our website.

The QE-1HC is supplied with a 35 mm adapter ring kit, set of six, three sets of magnetic clamps for holding Petri dishes, one humidifying cover, one TA-29 bead thermistor, one MAG-3 magnetic holder for wires, one perfusion tube with magnetic holder, one suction tube with magnetic holder, 10 feet of PE-160 tubing, 20 feet of 1/8" ID x 1/4" OD soft tubing, 50 feet of 1/16" Tygon tubing, and a lift tool.

Specifications

Temperature Range	5° to 50°C
Accuracy	±0.1°C
Feedback Thermistor	Built in Unical 10kΩ at 25°C
Controller	CL-100 Bipolar Controller
Physical Dimensions:	
Aperture Size (D x L)	25.4 mm
Thermal Insert Size (D x L x H)	64.0 x 92.2 x 10.5 mm
Weight	105 g
Cable Length	2.4 m
Connector Type	15 pin Male "D"
Water Jacket Ports	1/8" Barb Fittings
Warranty	One Year

Order # Model Product

W4 64-1659 QE-1HC Quick Exchange Stage Incubator

W4 64-0352 CL-100 Bipolar Temperature Controller

W4 64-1922 LCS-1 Liquid Cooling System

Accessories/Replacement Parts

W4 64-0297 SA-20KZ Stage Adapter for the (K) sSage

W4 64-0296 SA-20LZ Stage Adapter for the Zeiss

W4 64-0291 SA-NIK Stage Adapter for the Nikon 108 Dia.

W4 64-0295 SA-OLY/2 Stage Adapter for the Olympus 110 Dia.

W4 64-0107 TA-29 Cable with Bead Thermistor

W4 64-1404 PT-QE1 Perfusion Tube

W4 64-1553 MAG-6 Mini Magnetic Clamp for 18 Gauge Tube

W4 64-1403 ST-QE1 Suction Tube

W4 64-1554 MAG-7 Mini Magnetic Clamp for 16 Gauge Tube