

series 40 chambers

RC-40 Series Chambers

Quick Change Coverslip Bottom Imaging Chambers

Imaging chambers designed to fit the QE-1 and DH Series heated platforms

Chambers

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- O-ring seals permit quick exchange of coverslips
- Anodized aluminum base ensures good heat transfer
- Open and closed bath designs
- Use standard #1 or #1.5 thickness coverslips
- Ideal for rapid screening assays

Warner Instruments recognized the need for chambers designed for rapid screening of cells grown on coverslips. The innovative design of RC-40 chambers uses O-rings to seal the coverslip to the polycarbonate chamber. Therefore little or no silicone grease is needed and mechanical fasteners are not required for coverslip mounting.

Chambers are available for use with 12, 15, 18, and 25 mm round coverslips. Round, low profile chambers maximize the viewing area and provide optimal access for electrodes. Slotted bath chambers allow rapid solution exchange. A version which includes platinum wires may be used to study cardiac myocytes and other applications requiring field stimulation. The RC-40HP High Profile Chamber allows for a deep bath.

The Series 40 chambers are designed to be compatible with the Warner QE-1 Quick Exchange Platform and the DH-35i and DH-40i Culture Dish Incubators.

QE-1 Quick Exchange Platform

The Warner QE-1 Quick Exchange Platform is a versatile base for the RC-40 Series chambers, as well as many popular 35 mm glass bottom dishes. Removable perfusion and suction tubes allow solution exchange in any of the RC-40 Series open bath chambers or 35 mm dishes. The platform may be heated using any of the Warner temperature controllers. The QE-1 can be mounted on most microscopes by using the Warner Series 20 stage adapters. See page 172 for more information on the QE-1.

