

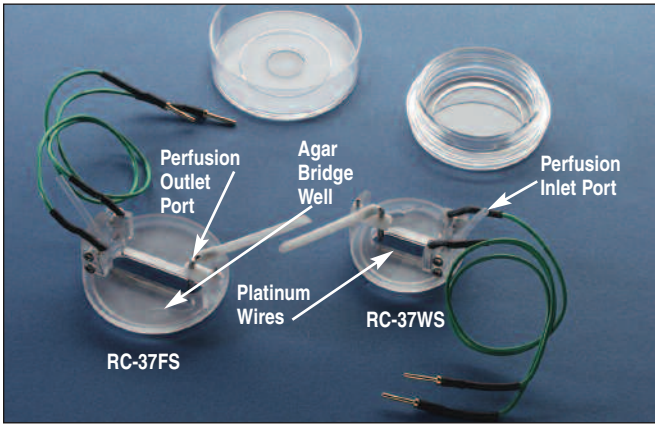
RC-37FS and RC-37WS culture dish inserts

Perfusion Chamber Inserts with Field Stimulation

Chamber inserts with perfusion for 35 mm culture dishes allowing field stimulation

Chambers

culture dish inserts



- Designed for glass bottom 35 mm dishes
- Permits imaging and perfusion in the cell culture dish
- Platinum field stimulation electrodes
- Ideal for rapid screening assays

Culture Dish Perfusion

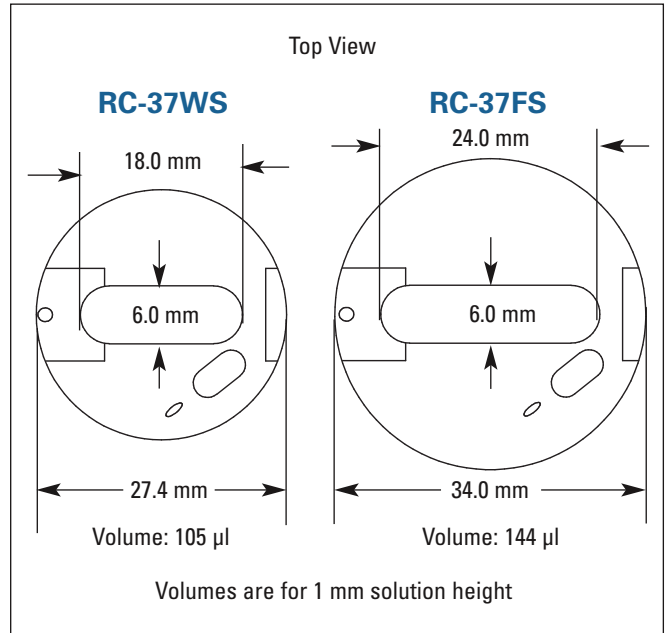
The latest member of the RC-37 family of perfusion chamber inserts is designed for applications requiring field stimulation and includes a pair of platinum electrodes. Both versions feature a slotted bath to promote a laminar solution flow and to ensure an even electrical field.

These models include a perfusion inlet port and a 16 gauge, height adjustable aspirator. An agar bridge well has been added to accommodate a bath ground electrode. A thin coating of silicone grease forms the seal between dish and chamber.

The RC-37WS fits in the Willco Wells dishes; the RC-37FS fits the Nunc, Corning, MatTek and Falcon 35 mm dishes. Warner's DH-35 Culture Dish Heater may be used to heat the Corning, MatTek and Willco Wells 35 mm culture dishes. All 35 mm dishes, including Falcon 35 mm dishes, are compatible with Warner's DH-35i and DH-40i Culture Dish Incubators and the QE-1 Quick Change Heated Base.

Chambers are supplied with 10 feet of PE-160 polyethylene tubing.

The SIU-102 is a bipolar stimulator designed for use with field stimulation chambers. This instrument features constant current and constant voltage modes, as well as bipolar, pulse, and DC modes. Optical coupling is used to electronically isolate the stimulator from the pulse source. Currents up to 100 mA and voltages up to 100 V are also supported. See page 232 for details.



Order #	Model	Product
W3 64-0366	RC-37FS	Chamber Insert Closed for Corning, MatTek, Nunc or Falcon 35 mm Dishes
W3 64-0365	RC-37WS	Chamber Insert Closed for Willco 35 mm Dishes
Accessories and Replacement Parts		
W3 64-0758	D3522P	Willco Wells Glass Bottom Cell Culture Dishes – 20/Pouch
W3 64-0762	D3522B	Willco Wells Glass Bottom Cell Culture Dishes – Pkg of 120
W3 64-0378	111-KIT	Silicone Grease Kit with Brushes and Pallets
W3 64-1424	SIU-102	Stimulus Isolation Unit
W3 64-1425	CC-102	Cable, Male Banana to 1 mm jacks (for use with Warner Field Stimulation Chambers)
W3 64-0110	DH-35	35 mm Culture Dish Heater
W3 64-0349	DH-35i	Culture Dish Incubation System
W3 64-0388	DH-40i	Culture Dish Incubation System
W3 64-0375	QE-1	Quick Exchange Heated Base w/Perfusion and Adapter Ring Kit