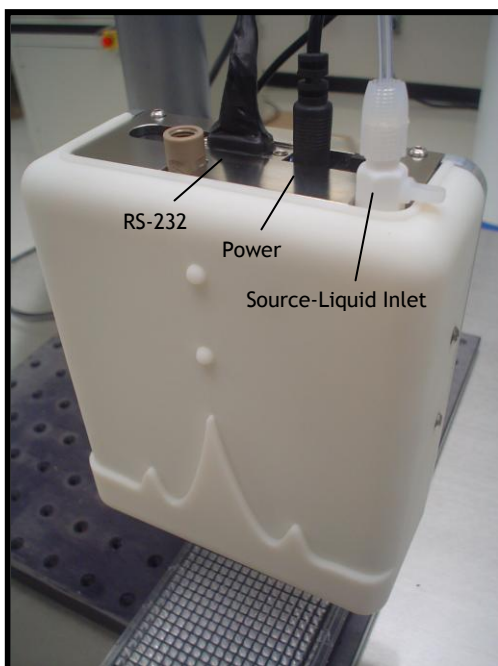


The PlexiSpot-8

- The simplicity and cost of a traditional backfiller.
- The resolution and precision of an acoustic dispenser.



Key Features

- ◆ Acoustic Dispensing of Liquids
- ◆ 8 Dispense Channels
- ◆ Compatible With DMSO
- ◆ 1 nL - 10 μ L+ Dispense Range
- ◆ <10% CV Over Entire Dispense Range
- ◆ Low-Maintenance / Non-Clogging Heads
- ◆ Dispenses Into All Plate Formats
- ◆ Easily Adaptable to Existing Liquid Handling Systems

A Proven Recipe For Success

Using the same patented and robust acoustic liquid dispensing technology found

in the ATS-100, EDC Biosystems has created the 8-channel PlexiSpot-8. Turn almost any conventional plate stage system into a high-throughput, high-resolution backfiller. Take advantage of the high-precision and clog-free design of acoustic dispensing while retaining all of the advantages of your current plate handling system. Increase the quality and reliability of the backfilling system in your workcell with a simple low-cost attachment.



From the makers of ATS-100
Acoustic Transfer Systems



Experience The Advantage

Clogged tips? “Streaky” data? False negatives or incorrect concentration levels? Why not utilize the latest technological advancements in liquid handling in your backfilling step and turn these headaches into problems of the past? With built-in acoustic sensing technology, the PlexiSpot-8 can determine if there is a problem before dispensing and avoid ruining your assay. All the while, the PlexiSpot-8 will deliver precise volumes of DMSO, reagents, or even cells with precision and accuracy that only an EDC Biosystems’ True Non-contact Technology™ acoustic dispenser can deliver. Make the switch and see what the latest technology can do for your backfilling needs.

Specifications

- ◆ 8 Dispensing Channels (Dispense individually or up to all 8 simultaneously)
- ◆ Bottle-Fed, Single Liquid Manifold
- ◆ Sample Liquid Viscosity: 0.5 to 10 cP
- ◆ Operating Temperature: 10 to 40 °C
- ◆ Total Dispense Vol Range: 1 nL to 10 µL+ (<10 %CV)
- ◆ Unit Drop Vol Range (Resolution): 1 nL to 10 nL
- ◆ Unit Drop Dispense Rate: 100 Hz per Channel

Mechanical Dimensions

- ◆ 13.0 cm W x 6.8 cm D x 16.1 cm H
- ◆ Weight: 1.0 Kg

Facilities

- ◆ Power Requirements: 12VDC, 5W
- ◆ Clean-Dry Gas/Air: <10 psi
- ◆ Communications: RS 232 (DB-9 Female connector)
- ◆ Interface: ASCII Command Set



8-channels allow optimum throughput and high efficiency in dispensing a single liquid to fill multiple destinations.

Gain the Edge

With the PlexiSpot-8, extend the lower operating range of your existing platform to gain a competitive edge. Or, deliver volumes with CVs of well under 10% time and time again at any volume range. Utilize smart acoustic technology for better resolution, accuracy, and information than any current backfiller available on the market. With the PlexiSpot’s eight smart acoustic channels, get the job done right the first time plus gain confidence and get results like no other backfilling instrument can give!