

# DIGIFLEX Dispenser/Diluter

Our new Digiflex Dispenser/Diluter is a versatile, user-friendly semi-automated liquid handler for microliter and sub-microliter volumes. It is an asset to any lab that requires high precision and accuracy of sample preparation, and is excellently suited for use in such diverse fields as

- Toxicology
- Forensics
- Environmental analysis
- Clinical diagnostics

And many more...

The Digiflex Dispenser/Diluter simplifies and expedites sample preparation for a variety of analytical techniques that require the following functions performed alone or in combination:

- Precise volume sample transfer
- Sample dilution
- Titration
- Precise dispense

The same Digiflex can be used for routine tasks such as

- Aliquot pipetting
- Single reagent dispensing
- Dual reagent dispensing



- Dispensing range from 0.5 µl to 9.5 ml depending on the installed syringe package
- Variable syringe refill and dispense speed
- Variety of single and double bore tips with inner diameter ranging from 0.25 mm to 1 mm
- Tip rinse between samples
- Chemically inert liquid path
- Precision and accuracy are independent from reagent viscosity
- On-board storage and easy identification for 99 programs

# DIGIFLEX Dispenser/Diluter

| <b>Performance Specifications</b>         | 200 µl Syringe                   | 2 ml Syringe                    | 10 ml Syringe                      |
|-------------------------------------------|----------------------------------|---------------------------------|------------------------------------|
| <b>Volume Range</b>                       | 0.5 µl – 200 µl                  | 5 µl-2 ml                       | 25 µl-9.5 ml                       |
| <b>Dispensing Accuracy (distribution)</b> | ± 7.5% @ 1 µl*<br>± 0.3% @ 25 µl | ± 2% @ 25 µl<br>± 0.5% @ 100 µl | ± 0.5% @ 100 µl<br>± 0.2% @ 2.2 ml |
| <b>Dispensing Precision (CV)</b>          | 5% @ 1µl*<br>0.3% @ 25 µl        | 1% @ 25 µl<br>0.5% @ 100 µl     | 0.5% @ 100 µl<br>0.02% @ 2.2 ml    |

## General Specification

|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| <b>Dimensions (W x D x H)</b> | 6.75 width x 10.5 depth x 15.5 height (inches) – 17 width x 26 depth x 39 height (cm) |
| <b>Weight</b>                 | 26 lbs. – 12 Kg                                                                       |
| <b>Main power supply</b>      | 100-120 VAC, 50/60 Hz<br>200-240 VAC, 50/60 Hz                                        |
| <b>Operating temperature</b>  | 10-40 °C, 50-104 °F                                                                   |

\*Preliminary, includes measurement equipment error