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PRODUCT NO.: 8780



DISPENSETTE III BOTTLETOP DISPENSER, BRANDTECH[®] (2.5 – 25 mL) Digital Easy Calibration™ w/Safety Prime Valve

DESCRIPTION: This bottle top dispenser mounts directly on most solvent and reagent bottles for faster, and more convenient dispensing. It improves accuracy, safety and reagent conservation in a broad range of applications.

This dispenser is constructed using the “floating piston” principle. Each piston is matched individually with precise tolerances to the cylinder of the instrument. A thin film of the dispensed liquid of just a few μm thick acts as a non-wearing seal that reduces friction, so dispensing is easy and convenient.

FEATURES:

- ✔ The 45 mm standard thread, plus included adapters, fit most common lab bottles
- ✔ The valve block can be rotated 360° so that the bottle label always faces the user for safety
- ✔ A telescoping filling tube adjusts to different bottle size
- ✔ The instrument is easy to disassemble for cleaning
- ✔ Valves are replaceable for simple, economical service
- ✔ Autoclavable at 121 °C
- ✔ Easy to calibrate and adjust in order to comply with ISO 9001 and GLP guideline. A positive indicator automatically indicates adjustment from factory settings
- ✔ Digital Easy Calibration™ enables accurate and reproducible volume setting with an easy-to-read display and a convenient adjustment knob.
- ✔ Excellent for labs with multiple users, and in circumstances requiring frequent volume changes to precise volumes

TECHNICAL SPECIFICATIONS:

Volume (mL)		2.5 – 25
Increments (mL)		0.1
Physical limits	Temperature (Instrument and reagent)	+15 °C to +40 °C (59 °F and 104 °F)
	Vapor Pressure	Maximum of 600 mbar (Aspirate slowly above 300 mbar) in order to prevent the liquid from boiling
	Kinematic viscosity	Up to 500 mm ² /s
	Density	Up to 2.2 g/cm ³
Compliance		DIN EN ISO 8655
Accuracy		0.5% \leq \pm 125 μL
Coefficient of variation		0.1% \leq \pm 25 μL

ADDITIONAL INFORMATION:

- ❏ Never use this dispenser with the following:
 - ❏ Liquids attacking Al₂O₃ – ceramic, ETFE, FEP, PFA, and PTFE
 - ❏ Liquids attacking borosilicate glass (e.g. Hydrofluoric acid)
 - ❏ Liquids which are decomposed catalytically by platinum-iridium (e.g. H₂O₂)
 - ❏ Hydrochloric acid > 20% and nitric acid > 30%
 - ❏ Tetrahydrofuran
 - ❏ Trifluoroacetic acid
 - ❏ Explosive liquids
 - ❏ Suspensions (e.g. of charcoal) as solid particles may clog or damage the instrument
 - ❏ Liquids attacking PP (screw cap)
- ❏ When dispensing inflammable media, make sure to avoid the buildup of static charge (e.g. do not dispense into plastic vessels; do not wipe instruments with a dry cloth)
- ❏ Compatibility of this dispenser for a specific application (e.g. trace material analysis, food sector etc.) must be checked by the user

WARRANTY: 1 year