

Accuracy, Reproducibility, and Convenience in Analytical Cannabis Laboratories and Manufacturing Facilities.

Analytical cannabis laboratories face a number of challenges in sample preparation. Extraction of samples for testing is tedious and time consuming; therefore, it makes sense to streamline the process wherever possible for highest throughput.

When extracting numerous samples, a safe and convenient way is with a BRAND® Dispensette® S bottletop dispenser fitted with a flexible discharge tube accessory. The flexible discharge tube facilitates filling racks of tubes—simply move the discharge tube from sample tube to sample tube and dispense. The Dispensette S saves a lot of time—without it you would have to bring each tube to the dispenser or juggle a rack under the dispenser! The tubing is coiled to keep it out of the way, while a textured, weighted safety handle helps prevent ‘springing back’ of the coiled tubing if dropped. Made from inert PTFE, the flexible discharge tube will help maintain the purity of the solvents. The Dispensette S is designed to operate one-handed – freeing up the other hand for the flexible discharge tube. The proven Dispensette design is robust, and has a number of distinguishing safety features. It also disassembles easily for cleaning, for a long service life. Choose from the Dispensette S for polar organics and many acids, and the Dispensette S Organic for concentrated acids, and most organics. An easy-to-read selection chart is available so that you can easily dispense potentially hazardous chemicals without compromising safety of lab personnel. Adjustable volume models are available to dispense volumes as small as 1 mL with the flexible discharge tube to volumes as large as 100 mL.

When preparing chromatography standards for reference, accurate pipetting is crucial. The BRAND Transferpette S pipette is uniquely well suited for the task. Featuring true one-handed operation, it eliminates the need for a ‘third hand’ when holding containers. The smooth micrometer makes volume adjustments a breeze, and the volume lock helps prevent drift during pipetting. A four-digit display that is visible whether using it left- or right-handed helps ensure proper setting. Nearly all sizes use standard ‘universal’ tips, so you do not get locked into a single tip source.

The Transferpette S is also user-serviceable, and can be disassembled for cleaning and other routine maintenance, helping ensure the integrity of the pipetted samples. Beyond the safety and accuracy features built into the Transferpette S, it is light-weight and designed ergonomically so you can feel the difference in strain on your thumb and hand after a long day of pipetting.



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Manufacturing facilities must accurately aliquot samples to follow state guidance and procedures. As the industry continues to grow, modern solutions to higher throughput needs are necessary. To address these developing needs, an automated repeating pipette can optimize efficiency, accuracy, and convenience in the manufacturing process. To help with repetitive dispensing of more viscous samples, BRAND® offers the HandyStep® touch. The HandyStep touch has a simple, intuitive touch screen interface with automatic detection of BRAND PD-TIP™ II. It is an efficient way to accurately dispense more viscous liquids like resins in the appropriate receptacles such as cartridges in volumes of 0.1 μ L - 50 mL. The auto-dispense mode or multi-dispense mode sets aspiration and subsequent dispensing volumes. The easy-to-use HandyStep touch is comfortable and light-weight which allows it to be utilized in higher throughput facilities. While automatic tip recognition and ejection using BRAND PD-Tip II improves ease of use, the Handystep touch also accepts universal positive displacement tips, so you're not locked into one manufacturer.

