



AllPure Technologies Adds 1.5" Sanitary Fitting to TAKEONE™ Aseptic Sampling Product Line

The 1.5" TAKEONE aseptic sampling device is ideal for aseptic liquid sampling in cell culture, buffer/media, purification and all critical aseptic bioprocesses. Five sampling lines connect to standard and flush-mounted 1.5" sanitary fittings. TAKEONE is shipped fully assembled and gamma irradiated for quick box-to-tank installation.

New Oxford, PA October 20, 2009 -- AllPure Technologies, manufacturer of high-purity fluid sampling products, extends its TAKEONE Aseptic Sampling System product line with the new 1.5" sanitary fitting. The device connects to all 1.5" sanitary fittings including flush-mounted or zero dead-leg fittings, which are prevalent on process vessels.

Five sampling lines on the 1.5" TAKEONE unit ensures reliable and accurate liquid sampling for cell culture, buffer/media, purification, and all critical aseptic processes. Sampling lines are independent from each other so there is no risk of cross-contamination or ambiguous sampling results. The system is completely self-contained, eliminating the chance of false positives.

When the operator pushes the actuator to advance the needle, it pierces a self-sealing platinum-cured silicone septa to provide a conduit for sampling. Liquid, driven by pressure in the vessel, enters the sampling pathway through a hole on the cannula. Customers can select tubing materials and sample collection vessels, easing material validation challenges.

TAKEONE is the first cannula-based sampling system that is factory assembled and truly single-use. Replete with safety features like spring-loaded actuators and safety tabs preventing unintended actuation, operators are never exposed to or handle sharps.



TAKEONE sampling devices feature a robust 316L electropolished stainless steel sanitary fitting to interface with plant equipment. Connected to plant equipment TAKEONE can be cleaned-in-place and steamed-in-place. Charles Meadows, Product Manager reported "Stainless steel fittings are proven for high temperature and high pressure sterilization, such as SIP. Alternative materials have different contraction and expansion rates than stainless steel—which the sampling device is connected to. We determined these differences create a leak potential and put operator safety and process security at risk. Stainless steel is the responsible choice."

The patent-pending 2" and 1.5" TAKEONE units are shipped fully assembled and gamma irradiated for quick box-to-tank installation. "Building sampling systems is our job," boasts Mr. Meadows. "The control and consistency with which we manufacture means our customer count on reliable performance-- lot-to-lot."

TAKEONE increases efficiency, enhances reliability and improves operator safety. Contact AllPure Technologies to learn more about TAKEONE's extensive aseptic performance validation.

AllPure Technologies, Inc. designs, manufactures and markets cutting-edge products for biopharmaceutical and pharmaceutical drug developers and manufacturers. AllPure operates in compliance with cGMP guidelines, where applicable. **You've Been Heard** is the company philosophy and is elemental to our products and services. You've Been Heard means engaging with our customers and partners to understand their challenges and helping them realize practical solutions. From enhancing operating efficiencies and perfecting process reliability to improving operator safety, AllPure launches sensible products.