

NEW PRODUCT RELEASE

New Compact Nanoliter Syringe Pump

KD Scientific has released the **Model KDS 310 Plus**, a Nanoliter Syringe Pump augmenting their broad line. This **NEW** Nanoliter Pump works with syringes from 0.5 μ l up to 250 μ l with accurate "pulseless" flow delivery from 1 nl/min to 363.7 μ l/hr.

The **KDS 310** features a unique remote injector which allows the user to deliver small volumes without wasting precious fluids in excessively long tubing. The compact remote injector has dimensions of 7 X 1.7 X 2 in (17.8 X 4.4 X 5.1 cm) and can be placed up to 6 ft from the controller.



Syringes fit snugly in a new mounting bracket design so the fluid is delivered precisely without movement of the syringe. The assembly will mount on a clamp for positioning on a frame.

The Controller is set up in 3 easy steps. The user can set the flow rate, dispense volume and syringe diameter. The syringe table is preprogrammed with most popular syringes.

The **KDS 310** is actually 2 pumps in one featuring a **dispense/infuse mode** and a **withdraw mode**. Loading the syringes with the fluid is easy using a fast forward or reverse mode.

Optionally, the KDS 310 can be triggered remotely by a foot pedal or remote switch. This will offer the user true versatility in using the unit in a "hands-free" mode.

Applications for the KDS 310 include: pharmaceutical, chemical, petrochemical, biotechnology, semiconductor, plastics, industrial, government, scientific research and development markets.

KD Scientific Inc. designs, manufactures and sells a wide range of quality fluidics equipment used by research laboratory markets worldwide.

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