

DDS™ – Digital Dilution System

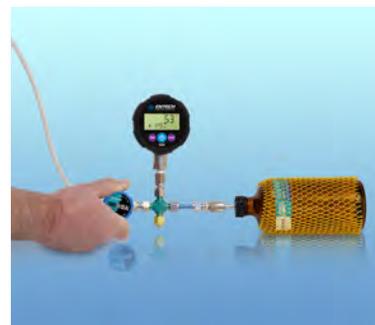


DDS™ – Four systems in one!

The DDS™ is an absolute must for any TO-15 laboratory.

Sample Dilution

Transfer a known quantity from a high concentration sample via syringe to an evacuated Bottle-Vac™ or MiniCan™, followed by pressurization using the DDS™ to a consistent, final pressure to complete the dilution process as shown below.



Sample Surrogate Spiking

Easily attach every sample that comes into the lab for a quick pressurization to 1.5x or 2x using UHP Nitrogen or preferably a Nitrogen cylinder filled with a surrogate of known concentration to enhance the quality assurance of each and every analysis.



Standards Dilution

Easily make a 2PPB standard from a 40PPB standard canister to support the preparation of trace level calibration curves. Dilutions from 5–50x are easily and accurately achieved, allowing for wider dynamic calibration ranges without having to preconcentrate extremely small or large volumes.



Field Testing of Canisters

Verify sample integrity with the precision and reliability of the DDS™ Gauge.

The ability to detect small leaks is >10x better than standard dial gauges. DDS™ readings are also not affected by changes in altitude.

Description	Unit	Part #
Digital Dilution System (DDS™)	EA	03-32010

Includes:

DDS™ Digital Gauge Assembly	EA	03-32030
1/4" Silonite™ Cross Assembly	EA	03-32020
1/4" Silonite™ Female Micro-QT™	EA	FQT-400S
1/4" Silonite™ TrueSeal™ Valve	EA	29-TS-01

DDS™ – One System. So Many Uses!