

High Pressure System

innovadyne
Technologies, Inc.

www.innovadyne.com

leading the way in high-precision dispensing



2-Gal. High Pressure Tank with Nanodrop

Innovadyne Technologies offers the **High Pressure System** option for the Nanodrop™ and Screenmaker™ series dispensing instruments. The High Pressure System option is the system of choice for applications that require the dispensing of liquids that are highly viscous, concentrated, or tending to stick to surfaces. The option, available as a field or factory upgrade or as an option on an original purchase, extends the available pressure range from 1-20 psi to 1-50 psi.

The High Pressure System option includes a stainless steel high-pressure tank that substitutes for the standard pressure reservoir bottle, and high-pressure versions of the DPR (Digital Pressure Regulator) and syringe valves in the Nanodrop fluidics module. Existing Nanodrop fluidics units can be easily upgraded to high-pressure fluidics units by an Innovadyne service technician in the field or at our main facility.

Features

- Supports system fluid pressurization up to 50 psi
- Useable with all Nanodrop stages -- Nanodrop I, II or ExtY -- and Screenmaker 96+8.
- Same tank connections as the standard pressure bottle
- Stainless steel 2-gallon or 5-gallon tank, ASME compliant



2-Gal and 5-Gal High Pressure Tanks with Screenmaker

Ph: 707-547-2500 Fax: 707-547-2501 Web: www.innovadyne.com Email: info@innovadyne.com
Innovadyne Technologies, Inc., 2835 Duke Court, PO Box 7329, Santa Rosa, CA 95407-7329

Specifications -- Fluidics Unit

DPR (Digital Pressure Regulator)	Regulates pressure from 0-50 dpi
Reservoir	High-pressure rated

Specifications -- 2-Gallon Tank

Ports	System Fluid Out, Helium In, Sparging Helium In, Vent, Unused
Capacity	2 gallons / 7.6 liters
Dimensions	13.5" high, 9.5" diameter (343 mm high, 241 mm diam)
Tank Pressure Rating	Up to 155 psi/10.7 bar
Shipping Weight (approx)	13 lbs/6 kg

Specifications -- 5-Gallon Tank

Ports	System Fluid Out, Helium In, Sparging Helium In, Vent, Unused
Capacity	5 gallons / 18.9 liters
Dimensions	24.25" high, 9.5" diameter (616 mm high, 241 mm diam)
Tank Pressure Rating	Up to 155 psi/10.7 bar
Shipping Weight (approx)	20 lbs/9.1 kg