

Tanks and Reservoirs



Nordson EFD reservoirs maintain steady fluid pressure to produce the most accurate, repeatable deposits possible.

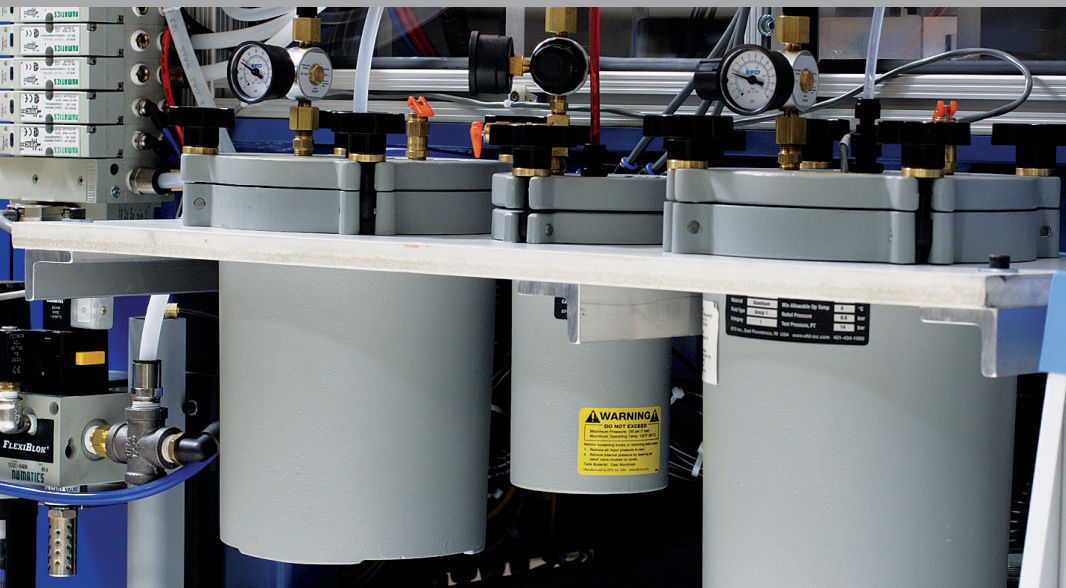
Choose from a variety of options to meet your application needs. To learn more about the EFD systems used with these reservoirs and tanks, take a look at our valves and automated dispensing systems.



Tanks and Reservoirs Selection Guide

TANKS AND RESERVOIRS				
Type	 Syringe Barrels, in Clear, Amber, or Black	 Cartridge Retainer Systems with Regulators	 1/10 Gallon Retainer System with Regulator	 1L & 5L Analog Gauge Tanks
Volume	3cc–70cc (3–70 ml)	2.5 oz–32 oz (75–960 ml)	1/10 gal (300 ml)	1 liter & 5 liter (0.26 gal & 1.32 gal)
Recommended Fluid Viscosity	All Fluids	All Fluids	Medium-to-High Viscosities	Low-to-Medium Viscosities (pourable / self-leveling)
Air Pressure	—	0–1.0 bar (0–15 psi) 0–7.0 bar (0–100 psi)	0–7.0 bar (0–100 psi)	0–1.0 bar (0–15 psi) 0–7.0 bar (0–100 psi)
Float Switch	—	—	—	Optional
Features & Benefits	<ul style="list-style-type: none"> • Limits fluid waste • Reduces maintenance and cleanup • Assembly fluids often come packaged in EFD syringe barrels • Use for fluids with short shelf life 	<ul style="list-style-type: none"> • Ideal for low-to-medium pressure dispensing from cartridges • Clear retainer allows visual monitoring of fluid level • Accepts cartridges 	<ul style="list-style-type: none"> • Designed for use with pre-filled caulking tubes 	<ul style="list-style-type: none"> • Maintains steady fluid pressure • Accepts pre-filled 1-pound and 1-liter bottles or pourable fluids
Production Capacity	Low Volume	Low-to-Medium Volume	Low-to-Medium Volume	Medium-to-High Volume

Tanks and Reservoirs



Analog Gauge Tanks

- 7010004 615DTH Tank**
1.0 liter tank with 7.0 bar (100 psi) regulator.
 - 7020121 615DTL Tank**
1.0 liter tank with 1.0 bar (15 psi) regulator.
 - 7020186 626DTH Tank**
5.0 liter tank with 7.0 bar (100 psi) regulator.
- ### Float Switches
- 7020109 Float Switch for 1L Tanks**
Float switch can be used to indicate low fluid levels in 615DT tanks.
 - 7020180 Float Switch for 5L Tanks**
Float switch can be used to indicate low fluid levels in 626DT tanks.
 - 7020115 Replaceable Liner for 615 Series**
Set of four replaceable liners for 1.0 liter tanks.
 - 7020182 Replaceable Liner for 626 Series**
Set of four replaceable liners for 5.0 liter tanks.

EFD fluid tanks maintain steady fluid pressure, prevent fluid contamination and evaporation, and contain fumes. Tanks are available with 0-15 psi (0-1.0 bar) or 0-100 psi (0-7.0 bar) constant-bleed air regulators to handle different fluid viscosities.

The air regulator is selected based on fluid viscosity. Watery fluids require the 0-15 psi (0-1.0 bar) regulator, while thicker fluids need the 0-100 psi (0-7.0 bar) regulator. Since tanks are charged by plant air, we recommend the 5-micron filter/regulator (#7002002) to filter contaminants.

Each fluid tank is shipped complete with constant-bleed precision air regulator and gauge, air hose with shutoff valve, liner, and fluid feed tubing.



**615 Series
1.0 Liter Tanks**
Accommodates one pound/one liter bottles. Recommended for pourable fluids only.



**626 Series
5.0 Liter Tanks**
Fluid can be poured into the liner or the fluid container may be put into the reservoir for direct dispensing.

Specifications

615DTH / 615DTL Tanks	
Tank body:	Cast aluminum
Replaceable liner:	Polyethylene (0.95 liter capacity)
Inside diameter:	9.7 cm (3.82")
Inside depth:	17.4 cm (6.87")
Overall width:	17.3 cm (6.81")
Overall height:	35.6 cm (14.01")
Regulator & gauge:	615DTH: 7.0 bar (100 psi) 615DTL: 1.0 bar (15 psi)
Maximum operating pressure:	7.0 bar (100 psi)

626DTH Tanks	
Tank body:	Cast aluminum
Replaceable liner:	Polyethylene (3.8 liter capacity)
Inside diameter:	17.3 cm (6.81")
Inside depth:	24.8 cm (9.75")
Overall width:	28.3 cm (11.14")
Overall height:	40.6 cm (15.98")
Regulator & gauge:	626DTH: 7.0 bar (100 psi)
Maximum operating pressure:	7.0 bar (100 psi)

World Leader in Precision Fluid Dispensing

Nordson EFD's worldwide network of experienced product application specialists are available to discuss your dispensing project and recommend a system that meets your technical requirements and budget.

Here are just a few things our customers have to say about working with us:

"We're producing better-looking parts in half the time."

– ECM Motor Co.

"Our product is critical. That's why our choice is EFD equipment."

– Ethicon Endo Surgery

"Your system has several benefits compared to what we used before. We're talking about 75% less consumption [of oil]."

– Gestamp Aveiro

"The quality of their product, as well as their knowledge and support, have been nothing short of excellent."

– Lorik Tool & Automation Inc.

"Better control means over \$50,000 in fluid savings annually."

– Mitsubishi

"It's not complicated. You set it up and it works."

– Texas Instruments

"Applications support from Nordson EFD has been exceptional. They are quick to respond & give us the information needed."

– Preh Ima Automation

"The quality of the packages that we put our products in matters. That's why we use EFD syringes and cartridges."

– Dymax



EFD

For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to www.nordsonefd.com.

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