

# Precision Regulator/Digital Gauge Fluid Reservoirs

Fast response, robust pressure regulator



Feature a precision regulator that holds output pressure consistently, regardless of input pressure fluctuations.

*"I wanted to let you know how much your company has helped me. You have excellent products and a great support group."*

*– Puritan Bennet*

Precision tank air pressure control is essential to ensure consistent, accurate fluid deposits from the dispense valve.

EFD Precision Regulator/Digital Gauge tank reservoirs offer exceptional full-to-empty fluid pressure control.

Available in 0-10 psi (0-0.7 bar) for low viscosity fluids and 0-100 psi (0-7.0 bar) for medium to high viscosity fluids.

EFD Precision Regulator/Digital Gauge reservoir assemblies are the right choice for improved process control, performance and repeatability.

## Features

- **Main air supply pressure variations:** Precision regulator holds output pressure consistently regardless of input pressure fluctuations
- **Repeatability:** From one shift to the next, precision regulator/digital gauge can be reset to exact pressure setting – removing analog readout error
- **Tighter setting tolerances:** Pressures can be set to tenths of psi
- **Fast response, robust pressure regulator:** Better resolution in pressure control

## Benefits

- Precision fluid pressure regulation/digital readout for exacting fluid pressure control
- Better process control
- Provides critical control of important variable for EFD time/pressure valve system operation and performance
- Reliable "full to empty" pressure control for 1 and 5 liter reservoirs
- Meets performance standards necessary in Life Sciences industry

Part #	Description
7013460	1.0 liter Tank with 0–0.7 bar (0–10 psi) regulator
7013489	1.0 liter Tank with 0–7.0 bar (0–100 psi) regulator
7013430	5.0 liter Tank with 0–0.7 bar (0–10 psi) regulator
7013490	5.0 liter Tank with 0–7.0 bar (0–100 psi) regulator



more info



## Specifications

Model	1.0 Liter Tank	5.0 Liter Tank
Tank body	←————— Cast aluminum —————→	
Capacity	1.0 liter	5.0 liter
Weight	3.0 kg (6.60 lb)	9.1 kg (20.1 lb)
Height	350 mm (13.75")	413 mm (16.25")
Diameter (cover maximum)	172 mm (6.75")	251 mm (9.85")
Maximum operating pressure	←————— 7.0 bar (100 psi) —————→	
Maximum operating temperature	←————— 50° C (122° F) —————→	
Approvals	←————— TUV, CE, UKCA —————→	

All necessary fittings and feed tubing are included with each reservoir.

## Request a Process Evaluation

Contact Nordson EFD to configure a precision dispense system that meets your specific needs, with:

- A complimentary process evaluation by experienced fluid dispensing experts.
- Samples processed for customer evaluation and approval prior to purchase.



For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to [www.nordsonefd.com](http://www.nordsonefd.com).

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