

# Time Pressure for Benchtop & Retrofit

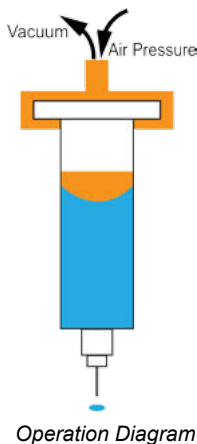
## for Simple Dispensing with Disposable Syringe

*Applications: Full Range of Fluid Viscosities*

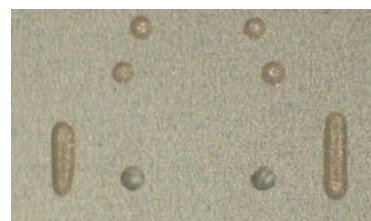
### Time Pressure Liquid Dispensing Pump

The *Time Pressure Liquid Dispensing Pump* works by applying pressure to the syringe. Simply attach the supplied syringe air cap and Luer dispense tip.

- Dispense lines, fills, and dots
- Great for short pot-life material
- Good choice for hand-held operations
- Suitable for wide range of fluid viscosities
- All wetted parts are disposable



*This is a great addition to fully automatic systems*



*Dots 0.011" (0.27 mm) of structural and electrical conductive adhesives dispensed by Time Pressure Liquid Dispensing Pump*

### Simple & Versatile Dispensing

Operator uses pulsed air to dispense volumes of fluid via two modes of operation:

- Pulsed Mode - operator activates footswitch or start button. Controller remains on for a programmed period of time.
- Start/Stop Mode - system continues to apply air to the reservoir until the operator removes the input signal.



### Advanced & Versatile Dispensing

Advanced Time Pressure FPC further enhances dispensing results:

- Consistent fluid flow to ensure accurate dispense result.
- User determines the dispense pressure set points and can program process pauses.
- Programmable Controller accommodates up to 30 programs.



**GPD Global**  
Precision Dispensing Systems

[www.gpd-global.com](http://www.gpd-global.com) • [request@gpd-global.com](mailto:request@gpd-global.com)

Headquarters 611 Hollingsworth Street, Grand Junction, CO 81505 USA • T: +1.970.245.0408 • F: +1.970.245.9674  
GPD Global (Asia Pacific) Bayan Lepas, Penang, 11900 Malaysia • T: +60.12.555.0909

# Time Pressure for Bench Top & Retrofit

## Integrate a Time Pressure System into Benchtop or Automated Dispense System

Integrate the Time Pressure Liquid Dispensing Pump into a fully automated Liquid Dispense Systems or a compact Benchtop equipment.



Monitor your Time Pressure Dispensing Pump with either a simple & versatile controller or an advanced FPC controller.

Time Pressure Liquid Dispensing Pump on Benchtop Dispenser and automated platform environments.

## Specifications for Time Pressure Dispensing Pump

TIME PRESSURE DISPENSING PUMP	
Syringe Compatibility	EFD or Semco: 5 cc, 10 cc, 30 cc
Dispense Tips	GPD S Type Luer or other Luer nozzles
Viscosity Range	1 to 100,000+ cps. Consult GPD Global for details.
Pressure Range	1 to 80 psi
Minimum Pulse Time	0.030 s

## Real Time Fluid Pressure Control (FPC)

Further enhance Time Pressure dispensing results with **Advanced Time Pressure FPC** (Fluid Pressure Control):

- Consistent fluid flow to ensure accurate dispense result.
- User determines the dispense pressure set points and can program process pauses.
- Programmable Controller accommodates up to 30 programs.

For more FPC advantages, refer to [Real Time Process Control with FPC](#), and watch solder mask dispensed via [Time Pressure syringe and Real Time Process Control with FPC](#).



[www.gpd-global.com](http://www.gpd-global.com) • [request@gpd-global.com](mailto:request@gpd-global.com)

Headquarters 611 Hollingsworth Street, Grand Junction, CO 81505 USA • T: +1.970.245.0408 • F: +1.970.245.9674  
GPD Global (Asia Pacific) Bayan Lepas, Penang, 11900 Malaysia • T: +60.12.555.0909

Rev Jan 2020