Peristaltic | Ink Pump Control System

PPS SERIES

Unique Graymills Features (PPS-PPL)

Quick Tube Change
• Swivel lock fasteners permit quick cover removal with no tools or loose parts – for fast turn arounds.

Straight-Thru™ Design
• Patented tube threading runs direct from ink container to print deck – eliminates kinks, flow stoppages, snaking.

Dual Roller Technology
• Twin rollers made from cast nylon (almost as slippery as Teflon®) and impregnated with a high-tech lubricant, deliver full flow with fewer compressions – reducing tube wear for maximum life.

TYPICAL APPLICATIONS

For narrow web applications and presses using light to heavy viscosity inks (including UV), coatings and adhesives requiring flow rates of 1.5 GPM or less. See PPL for higher flow rates.

Standard Features
• Includes all peristaltic quality features listed
• Electronic or air valve variable speed/flow control.
• Reversible flow for easy draining and flushing.
• Straight-Thru patented design eliminates flow stoppage from tube kinks.

Optional Features
• Stands to mount pump over ink containers.
• Mounting bracket for direct attachment to press.
• Brackets for mounting filter/surge suppressor.
• Mixer to keep contents blended.
• CE compliant units.

Motor Options
• D.C. electric gear motor with electronic variable speed control.
• Variable speed air motor (inherently explosion proof).

Motor voltage/air options
• VA, VB, DV, GAM*
  (*28 CFM @ 80 psig/792.9 Lmin @5.4 bar)

Tank Options
• 1, 2, 5, gallon pails (accessory pump stand or mounting bracket recommended).
• 10, 20, 30 gallon tanks mild steel. Stainless optional.

MODEL	A	B	C	D	E
PPS-VA	6.92" (176mm)	5.18" (132mm)	10.00" (254mm)	12.90" (328mm)	8.02" (204mm)
PPS-VB	6.92" (176mm)	5.18" (132mm)	10.00" (254mm)	12.90" (328mm)	8.02" (204mm)
PPS-VB-CE	6.92" (176mm)	5.18" (132mm)	10.00" (254mm)	12.90" (328mm)	8.02" (204mm)
PPS-GAM	6.92" (176mm)	3.66" (93mm)	8.84" (225mm)	11.74" (298mm)	6.48" (165mm)

TYPICAL APPLICATIONS

MODEL	Description
2GS	1 or 2 gallon stand. Pump bolts to top.
5GS	3 or 5 gallon stand. Pump bolts to top.
LBK	"L"-shaped mounting bracket for direct mounting to press.
682-36240	Bracket for mounting DDPSFNT surge suppressor/filter to 5GS.
729-90598*	3/8" replacement hose for PPS models, 50' per box.
729-90597*	5/8" replacement hose for PPL models, 50' per box.
729-90588*	5/8" solvent resistant hose for PPL explosion proof models, 50' per box.
MX12-GAM	Mixer. Keeps material blended and at uniform viscosity.

* PERISTALTIC HOSE
Graymills has spent considerable time researching peristaltic hose. The hose we offer represents the best combination of material, correct diameter, and optimum durometer for use with peristaltic pumps. Using hose with different dimensions or durometer can affect performance and potentially damage the pump.