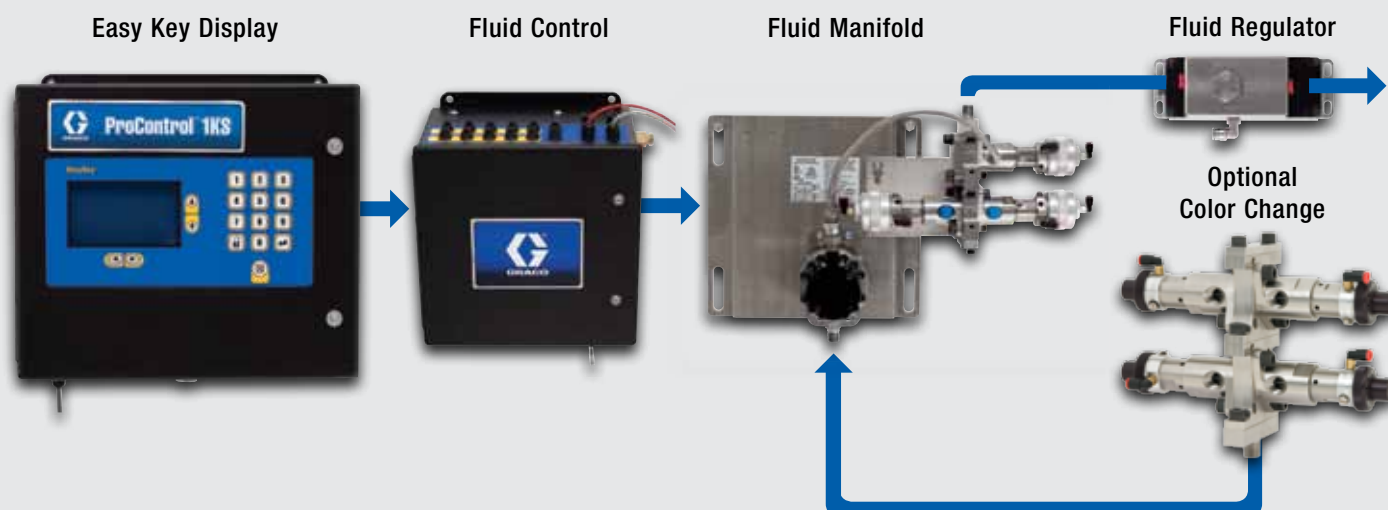


ProControl™ 1KS

Single Component Electronic Flow Control System



Maintain a closed loop flow control system for a superior finish with the same proven technology as the ProMix® 2KS

Single Component Flow Control

- Fast step change less than 200 msec for better process control
- Maintain flow rates from 20 - 1,200 cc/min

Integrated Flushing

- Air/solvent chop minimizes material waste

Optional Color Change Modules

- Easily handles up to 30 colors

Flexible Installation

- Intrinsically safe components
- Compatible with solvent and waterborne materials
- Convenient interfaces for PLC controls

PROCONTROL 1KS ORDERING INFORMATION

Description	Part Number	Meter	Fluid Regulator	Dispense Valve System	Application
ProControl, Basic	262380	None	None	Yes	Color Change*
ProControl, G3000	262381	G3000	None	Yes	CC, Update old PC
ProControl, G3000, FC	262382	G3000	Yes	Yes	Fluid Control
ProControl, Coriolis, FC	262383	1/8 in Coriolis	Yes	Yes	Fluid Control

*System requires a flow meter to be added for operation.

TECHNICAL SPECIFICATIONS

Maximum fluid working pressure Base system: 4000 psi (27.58 MPa, 275.8 bar)
 Low pressure color change: 300 psi (2.07 MPa, 20.6 bar)
 Coriolis meter: 2300 psi (15.86 MPa, 158.6 bar)
 Flow control: 190 psi (1.31 MPa, 13.1 bar)
 Maximum working air pressure..... 100 psi (0.7 MPa, 7 bar)
 Air supply 75 - 100 psi (0.5 - 0.7 MPa, 5.2 - 7 bar)
 Air filter inlet size 3/8 npt(f)
 Air filtration for air logic and purge air (Graco-supplied)5 micron (minimum)
 filtration required; clean and dry air
 Air filtration for atomizing air (user-supplied) 30 micron (minimum) filtration required; clean and dry air
 Fluids handled (one component): solvent and waterborne paints, polyurethanes, epoxies,
 acid catalyzed varnishes, moisture sensitive isocyanates
 Viscosity range of fluid 20 - 5000 cps*
 Fluid filtration (user-supplied) 100 mesh minimum
 Fluid flow rate range*
 G3000, G250 Meter 75 - 3800 cc/min (0.02-1.00 gal/min)
 Coriolis Meter 20 - 3800 cc/min (0.005-1.00 gal/min)
 S3000 Solvent Meter (accessory) 38 - 1900 cc/min (0.01-0.50 gal/min)
 Fluid inlet sizes
 Flow Meter 1/4 npt(f)
 Dose Valve/Color Valve Adapters 1/4 npt(f)
 Fluid outlet size (static mixer) 1/4 npt(f)
 External Power Supply Requirements 85 - 250 Vac, 50/60 Hz, 2 amps maximum
 Operating temperature range 41- 122°F (5-50°C)
 Environmental Conditions Rating indoor use, pollution degree (2), installation category II
 Approved for Hazardous Locations US and Canada - class I Div 1 Group D T3
 Europe - Zone 0 Ex ia IIA T3/ATEX II2G T3
 Noise Level
 Sound pressure level below 70 dBA
 Sound power level below 85 dBA
 Wetted parts 303, 304 SST, tungsten carbide (with nickel binder), perfluoroelastomer; PTFE

* Dependent on programmed K-factor and application. The maximum allowable flow meter pulse frequency is 425 Hz (pulses/sec). For more detailed information on viscosities, flow rates, or mixing ratios, consult your Graco distributor. See individual component manuals for additional technical data.

ACCESSORIES

LP Color Change Kits

256581 2 Colors
 256582 4 Colors
 256583 7 Colors
 256584 12 Colors
 256592 13-18 Colors
 256593 13-24 Colors
 256594 13-30 Colors

HP Color Change Kits

256596 2 Colors
 256597 4 Colors
 256598 7 Colors
 256599 12 Colors
 256607 13-18 Colors
 256608 13-24 Colors
 256609 13-30 Colors

Meter Kits

15V804 G3000
 15V827 G3000HR
 15V820 HG6000
 15V806 1/8" Coriolis
 258151 3/8" Coriolis
 16D329 S3000 (Solvent Meter)

Valve Kits

16E954 Dump Valve Kit
 15V077 SST Needle Kit - HP Valve
 15U932 Carbide Seat Kit - HP Valve
 15V737 Lubrication Cup - LP & HP Valve

Communication Kits

15V825 Discrete I/O Integration Board
 15V331 Ethernet IP Gateway Assembly
 15V963 DeviceNet Gateway Assembly
 15V964 Profibus Gateway Assembly
 15X492 Ethernet IP Gateway Module
 15V966 DeviceNet Gateway Module
 15V965 Profibus Gateway Module
 15W023 Communication & I/O Harness Kit
 15V337 Advanced Web Interface
 with 8 Port Hub
 15V336 8 Port Ethernet Hub
 121998 25 ft (7.5 m) CAT V
 121999 50 ft (15.2 m) CAT V
 15V842 100 ft (30.5 m) CAT V
 15V843 200 ft (61 m) CAT V

Cables

15V213 100 ft (30.5 m) Power Cable
 15G710 100 ft (30.5 m) Fiber Cable
 15U977 40 ft (12.1 m) Flow Control
 Extension Cable
 15U532 3 ft (0.9 m) CAN Cable
 15V205 6 ft (1.8 m) CAN Cable
 15V206 10 ft (3 m) CAN Cable
 15V207 15 ft (4.6 m) CAN Cable
 15V208 25 ft (7.6 m) CAN Cable
 15U533 50 ft (15.2 m) CAN Cable

Gun Flush Box Gun Holders

198787 Graco Pro Xs2™
 198405 Graco Pro Xs3™,
 Pro Xs4™
 196768 Graco PRO 3500,
 3500hc, 4500
 15T646 Graco AirPro™ Air Spray
 196769 Graco Delta Air Spray
 196770 Graco Alpha
 196771 Graco Alpha Plus,
 Alpha Plus RAC®
 G15™
 15G093 G40™, G40 RAC
 15G346

Miscellaneous

15V826 Gun Flush Box Kit
 570123 Gun Flush Box Wall
 Mount Kit
 15V534 Manual Gun Interface Kit
 15V823 Gun Air Shutoff Kit
 15T632 Air Flow Switch Kit
 15V350 Operator Station Kit
 15X247 Auto Dump Kit
 15V536 Solvent Flow Switch
 15W034 Alarm Light for Manual
 Systems
 122193 Alarm Light for Automatic
 Systems
 197902 EasyKey Paint Shields
 249849 Flow Control Module
 24H989 Remote Regulator Flow
 Control Module

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.
877.84GRACO (1-877-844-7226) or visit us at www.graco.com.

