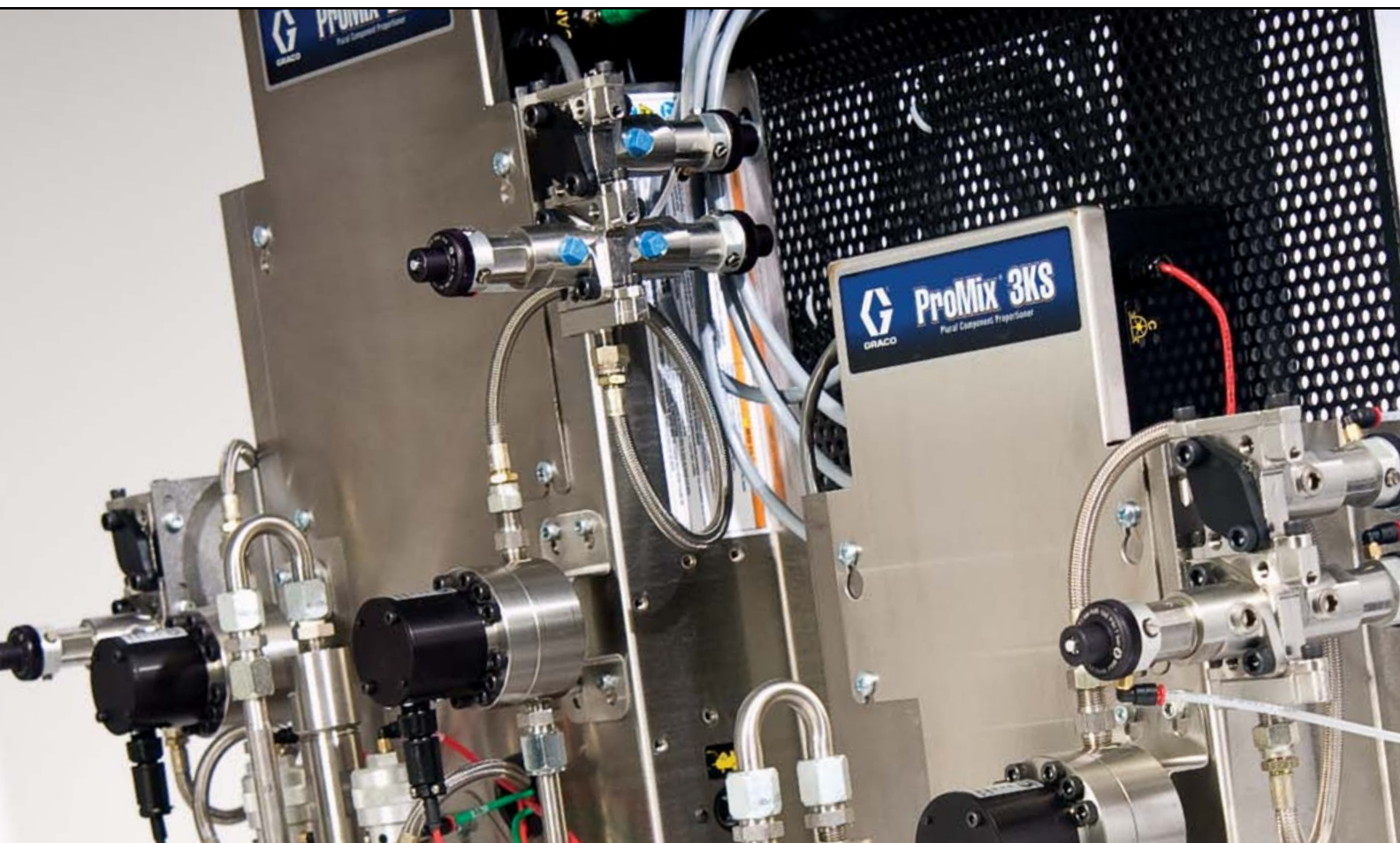




Viscosity Control with ProMix[®] 3KS

Graco Plural-Component Solutions



Application Overview

Graco's two- and three-component proportioners offer precise and reliable electronic plural component proportioning for a broad range of solventborne, waterborne, and acid catalyzed materials.

PROVEN QUALITY. LEADING TECHNOLOGY.

Viscosity Control with ProMix 3KS

Application Material Overview

Some two component (2K) finishing materials are sensitive to changes in plant temperature and humidity. These fluctuations can cause 2K paints to vary in viscosity, making it more difficult to apply in the desired manner. Many companies, depending on the day's conditions, will add solvents in a ratio. The additional solvent helps to make a more consistent finish, but adding the correct amount to achieve positive results can be very time consuming.

ProMix 3KS can take the guesswork out of manually thinning 2K materials. The ProMix 3KS, when added to a ProMix 2KS system, will precisely mix solvent so the thinning process is done as you spray material. The ProMix 3KS is capable of mixing solvent to a 50:1 mixed 2K to solvent ratio. Further, the mixture can be varied based on the temperature and humidity at the time. This means you can tailor the mixture to keep the spray viscosity constant. ProMix 3KS is an easy solution to save money while making your finishing process more consistent.

Typical ProMix System

Below is a typical set-up to proportion 2K material with a solvent reduction:

MD1213 Proportioner

Includes 4 color, 2 catalyst manual system with gun flush box

TK4000 3rd Component

Single reducer with S3000 solvent meter

ProMix 2KS and 3KS systems are easy to integrate and give you the power to control spray viscosity. A 3KS can be added to any existing 2KS to begin saving time and money.

ProMix 3KS Savings:

Material container size	5 gallons	A
Time to thin each container	15 minutes	B
Number of containers per shift	5	C
Shifts per day	2	D
Labor Rate per hour (burdened)	\$25.00	E
Weeks per year	50	F
Cost to thin one batch	\$6.25	$G = B \times E / 60 \text{ min per hr}$
Number of containers per day	10	$H = C \times D$
Thinning cost per day	\$62.50	$I = H \times G$
Cost per week	\$312.50	$J = I \times 5$
Cost per year	\$15,625.00	$J \times F$



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.

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