



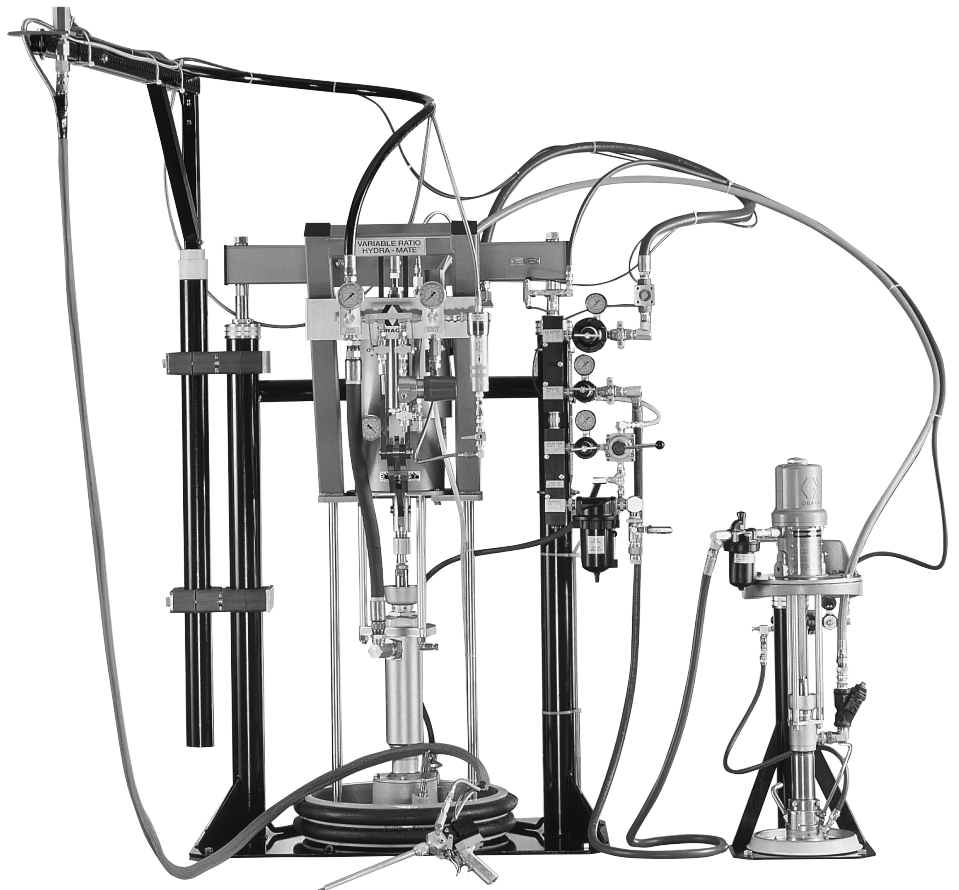
First choice when
quality counts.™

Hydra-mate™

Plural Component Proportion/Dispense Unit

- **Maximum material savings by metering and mixing material at or near the applicator gun only as it is needed, keeping mixed material to a minimum**
- **Versatility and flexibility**
- **Delivers a consistent, high-output flow of material, maximizing line speed and proper curing**

**Plural
component
sealant and
adhesive
proportioner**



SEALANT ADHESIVE EQUIPMENT

Graco eliminates the difficulties of handling mixed-viscosity base/catalyst sealants and adhesives with the Hydra-mate proportioning and dispensing system. The Hydra-mate is built to proportion, mix and dispense a wide range of sealants and adhesives quickly, easily and accurately. The Hydra-mate's positive-displacement design maintains ratio consistency to $\pm 2\%$. This accuracy ensures proper curing, adhesion and high quality production.

Best of all, the Hydra-mate delivers this capability in a single, integrated system. This variable ratio proportioner immediately adapts to your material requirements and your production needs. With variable ratio mixing capabilities ranging from 6:1 to 20:1, the Hydra-mate can handle virtually any plural component sealant or adhesive your application requires. The Hydra-mate can be fitted with an adjustable boom and your choice of applicator guns to deliver just the right amount of sealant or adhesive to the mating surfaces. For the best answer to your changing material demands, select the Hydra-mate.

Hydra-mate System Selection Guide

System Order Number includes: proportioner, feed kit, mix & dispense kit, ratio check kit, and boom kit as indicated below.

System Order Nos.	988-228 Acrylic	987-786 Polysulfide	988-486 Polysulfide	988-462 Polysulfide	987-760 Silicone
Proportioner					
Pump Part No.	953-100	953-100	954-900	954-900	965-580
Pump Variable Ratio	Bulldog	Bulldog	King	King	King
Pump Mix Ratio	7.5:1 to 16.5:1	7.5:1 to 16.5:1	7.5:1 to 16.5:1	7.5:1 to 16.5:1	6.5:1 to 13.5:1
Pump Pressure	25:1	25:1	50:1	50:1	50:1
Master Pump Part No.	222-639	222-639	222-639	222-639	222-639
Slave Pump Part No.	222-017	222-017	222-017	222-017	222-015
Feed Kit					
Pump Part No.	949-806	954-855	954-855	954-855	954-855
Pump Description	Monark Double Ball	Monark Double Ball	Monark Double Ball	Monark Double Ball	Monark Double Ball
Pump Pressure	Pressure: 5:1	Pressure: 5:1	Pressure: 5:1	Pressure: 5:1	Pressure: 5:1
Additional Description	5 Gal. (20 Liter) SST Ram w/out Base Purge Return	5 Gal. (20 Liter) Ram w/ Base Purge Return	5 Gal. (20 Liter) Ram w/ Base Purge Return	5 Gal. (20 Liter) Ram w/ Base Purge Return	5 Gal. (20 Liter) Ram with Base Purge Return
Mix and Dispense Kit					
Mix & Disp. Kit Part No.	965-685	570-292	570-292	570-184	954-937
Description	2K Ultra-Lite Disp. Mixers Acrylic #125 Injector Includes boom in gun kit	Flex-Mix 1/4 in. Check For polysulfide 10 ft. (3 m) hose from boom	Flex-Mix 1/4 in. Check For polysulfide 10 ft. (3 m) hose from boom	2K UL Dispense Mixers For polysulfide #125 Injector 10 ft. (3 m) hose from boom	Tri-Core Mix #35 Injector For silicone 15 ft. (7.6 m) hose to gun
Ratio Check Kit					
Ratio Check Kit Part No.	948-304	570-040	570-040	570-040	948-304
Description	Back pressure regulator type	Base needle valve Catalyst nozzle	Base needle valve Catalyst nozzle	Base needle valve Catalyst nozzle	Back pressure regulator type
Boom Kit					
Boom Kit Part No.	947-039	570-039	570-039	570-039	NA
Description	Swing Boom for 3 in. ram	Swing Boom with hoses for 3 in. ram	Swing Boom with hoses for 3 in. ram	Swing Boom with hoses with hoses	

System Order Nos.	987-802 Silicone	987-817 Silicone	988-235 Silicone	988-255 Urethane	988-463 Urethane
Proportioner					
Pump Part No.	954-900	965-580	965-580	953-100	953-100
Pump Variable Ratio	King w/tee wipers	King w/tee wipers	King	Bulldog	Bulldog
Pump Mix Ratio	7.5:1 to 16.5:1	6.5:1 to 13.5:1	6.5:1 to 13.5:1	7.5:1 to 16.5:1	7.5:1 to 16.5:1
Pump Pressure	50:1	50:1	50:1	25:1	25:1
Master Pump Part No.	222-639	222-639	222-639	222-639	222-639
Slave Pump Part No.	222-015	222-015	222-017	222-017	222-017
Feed Kit					
Pump Part No.	954-855	954-855	954-855	948-109	948-109
Pump Description	Monark Double Ball	Monark Double Ball	Monark Double Ball	Pressure Tank	Pressure Tank
Pump Pressure	Pressure: 5:1	Pressure: 5:1	Pressure: 5:1	5 Gal. (20 Liter)	5 Gal. (20 Liter)
Additional Description	5 Gal. (20 Liter) Ram with Base Purge Return	5 Gal. (20 Liter) Ram with Base Purge Return	5 Gal. (20 Liter) Ram with Base Purge Return	Top Outlet, No Agitator with Base Purge Return	Top Outlet, No Agitator with Base Purge Return
Mix and Dispense Kit					
Mix & Disp. Kit Part No. Description	570-294 Flex-Mix #35 Injector For silicone 10 ft. (6 m) hoses from boom	954-958 Flex-Mix #35 Injector For silicone 15 ft. (4.6 m) hoses to gun	949-733 2K Ultra-Lite Disp. Mixers For silicone #35 Injector 15 ft. (7.6 m) hose to gun	570-295 Flex-Mix #40 Injector For urethane 10 ft. (6 m) hoses from boom	570-225 2K Ultra-Lite Disposable Mixers For urethane #42 Injector 10 ft. (6 m) hose to gun
Ratio Check Kit					
Ratio Check Kit Part No. Description	570-040 Base needle valve Catalyst nozzle	948-304 Back pressure regulator type	948-304 Back pressure regulator type	570-228 For urethane Base nozzle Catalyst nozzle	570-228 For urethane Base nozzle Catalyst needle
Boom Kit					
Boom Kit Part No. Description	570-293 Swing Boom with hoses for 3 in. ram	NA	NA	570-293 Swing Boom with hoses for 3 in. ram	570-293 Swing Boom with hoses for 3 in. ram

Hydra-mate Module Selection Guide

Modules are “built-to-order”. Select the appropriate part number in each category of feed kits, base purge gun kits, dispense mixer gun kits, ratio check kits, and boom kits to build your module of choice.

Variable Ratio Proportioners	Feed Kits	Base Purge Gun Kits	Disposable Mixer Gun Kits	Ratio Check Kits	Boom Kits
953-100 25:1 Bulldog 7.5:1 –16.5:1 Mix 222-639 Master 222-017 Slave	954-855 5:1 Monark 5 Gal. (20 Liter) Ram Base Purge Return	948-290 Flex Mix #125 Injector for Polysulfide Fits 947-039 Boom Kit	965-685 2K Ultra-Lite #125 Injector Includes Boom in Gun Kit	948-304 Back Pressure Regulator Type	947-039 Swing Boom For 3 in. 55 Gal. (20 Liter) Ram
965-497 50:1 King 7.5:1 –16.5:1 Mix 222-639 Master 222-017 Slave	949-954 5:1 Monark 55 Gal. (200 Liter) Ram Base Purge Return	949-421 Flex Mix 1/4 Check for Polysulfide Has SST & Teflon hoses Fits 947-039 Boom Kit	570-225 2K Ultra-Lite #42 Injector for Urethane 15 ft. (4.6 m) hoses to gun	570-040 for Polysulfide Base Needle Valve Catalyst Nozzle	570-039 Swing Boom with hoses 3/8 in. Catalyst Hose
954-900 50:1 King 7.5:1 –16.5:1 Mix 222-639 Master 222-017 Slave	965-452 10:1 Monark 5 Gal. (20 Liter) Ram Base Purge Return	954-958 Flex Mix #35 Injector for Silicone 15 ft. (4.6 m) hoses	570-184 2K Ultra-Lite #125 Injector for Polysulfide 15 ft. (4.6 m) hoses to gun	948-302 for Urethane Base Nozzle Valve Catalyst Long Tube	570-293 Swing Boom with hoses 1/4 in. Teflon Catalyst Hose
954-900 50:1 King 7.5:1 –16.5:1 Mix 222-639 Master 222-017 Slave	948-109 Pressure Tank 5 Gal. (20 Liter) Top Outlet, No Agitator Base Purge Return	570-281 Flex Mix #40 Injector for Urethane 15 ft. (4.6 m) hoses to gun	949-733 2K Ultra-Lite #35 Injector for Silicone 15 ft. (4.6 m) hoses to gun	570-228 for Urethane Base Nozzle Catalyst Needle	
965-580 50:1 King 6.5:1 –13.5:1 Mix 222-639 Master 222-015 Slave	949-990 Pressure Tank 5 Gal. (20 Liter) Top Outlet, with Agitator Base Purge Return	954-937 Tri-Core Mix #35 Injector for Silicone 15 ft. (4.6 m) hoses to gun	570-298 2K Ultra-Lite #40 Injector for Urethane 20 ft. (6 m) hoses		
965-760 Quiet King 6.5:1 –13.5:1 Mix 222-639 Master 222-017 Slave	570-108 Pressure Tank 10 Gal. (40 Liter) Top Outlet, No Agitator Base Purge Return	570-038 Tri-Core Mix #35 Injector for Silicone Includes boom and hoses	570-304 2K Ultra-Lite #35 Injector 10 ft. (3 m) hoses from boom		
965-373 Viscount II 7.5:1 –16.5:1 Mix 3.4:1 Pressure 222-639 Master 222-017 Slave		954-984 Tri-Core #40 Injector for Urethane 15 ft. (4.6 m) hoses to gun			
570-312 25:1 Bulldog 3.7:1 –8:1 Mix 222-639 Master 948-641 Slave					