

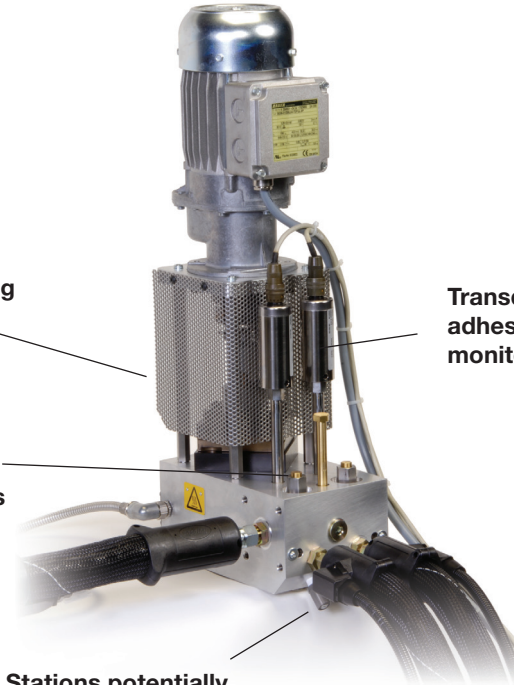
GP200 Remote Metering Stations

Increase delivery points of existing melters and improve adhesive add-on precision.

Up to two single- or dual-stream metering pumps improve add-on precision

Pressure relief valve restricts output pressures to safe levels

Transducer enables adhesive pressure monitoring



Stations potentially eliminate need for additional melter and increase adhesive delivery points

Remote metering stations:

- Increase number of metered adhesive streams
- Improve pattern consistency and quality
- Expand application delivery points

GP200 remote metering stations expand production capabilities by increasing delivery points of existing melters with metered add-on precision. Metered adhesive delivery helps improve product quality by controlling pressure drops that can cause hammerheads, inconsistent add-on rates per product, and burn-through on heat-sensitive substrates. Control of add-on rates during steady or fluctuating line speeds, and production ramping up or down helps minimize adhesive usage.

Compact GP200 remote metering stations provide an economical alternative to purchasing an additional melter, converting from non-metered delivery, or adding application points.

Stations are available with one or two single- or dual-stream metering pumps and motors. Modular design allows multiple stations to be hydraulically linked together with fittings or hoses to further increase productivity and minimize costs.

Integrated transducers enable close monitoring of adhesive temperature and pressures via the melter control system or an auxiliary control module. Pressure relief valve restricts output pressures to safe levels.

GP200 Remote Metering Stations

Specifications

Capacity	
GP201	1 pump/motor
GP202	2 pumps/motors
Pump Type	Single- or dual-stream Nordson or Feinpruf pumps
Minimum Pump Speed	7 rpm
Maximum Pump Speed	100 rpm
Recommended Pump Speed	45 rpm
Motor Type	AC, AC with encoder, or servo
Operating Temperature Range	40° to 230° C (100° to 450° F)
Adhesive Viscosity ¹	1,000 to 15,000 cps
Adhesive Input Pressure Range	3.4 to 34 bar (50 to 500 psi)
Optimal Adhesive Input Pressure	6.8 to 13.6 bar (100 to 200 psi)
Pressure Relief Valve Relief Pressure	70 bar (1029 psi)
Safety Valve with Indication Relief Pressure	85 bar (1250 psi)
Inlet Hose Fitting	8, 13 or 16 mm
Outlet Hose Fitting	8 mm
Supply Voltage	240 VAC
Heated Zones	One
Temperature Sensors	100 ohm platinum RTD or 120 ohm nickel RTD
Power Consumption	
GP201	800 W
GP202	1200 W
Dimensions (W x D x H) ²	
GP201 with AC motor	140 x 240 x 635 mm (5.51 x 9.45 x 25 in.)
GP202 with AC motor	300 x 240 x 635 mm (11.81 x 9.45 x 25 in.)

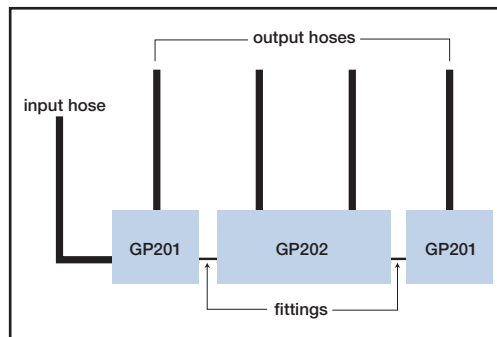
Notes:

¹ Rated for use with all commercially available pressure-sensitive and EVA hot melt adhesives except for compounds containing polyamides.

² Height depends on configuration.



Up to two motors and pumps per station increase pumping capacity and precisely control add-on rates.



Linking multiple stations together adds pumping capacity and reduces total hose length while minimizing adhesive degradation, downtime and service.

For more information, speak with your Nordson representative or contact your Nordson regional office.

United States

Duluth, Georgia
(800) 683-2314 Phone
(866) 667-3329 Fax

Europe

Luneburg, Germany
(49) 4131-894-0 Phone
(49) 4131-894-149 Fax

Japan

Tokyo, Japan
(81) 3-5762-2700 Phone
(81) 3-5762-2701 Fax

Asia/Australia/

Latin America
Amherst, Ohio
(440) 985-4496 Phone
(440) 985-1096 Fax

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