

Burst

Dispensing System

Burst is a flexible, easy to operate dispensing system for all diamond and final polishing suspensions. With a variety of operating modes, solutions can be tailored for any Buehler grinder-polisher set-up.

This product improves both productivity and consistency by dispensing suspensions at fixed intervals and configurable rates.



Liquid Abrasive Dispensing System

- Increases consistency through automation and repeatability
- Reduces waste & saves time

Connects up to 5 Modules

- Optional Stadium Seating or Type A USB Connection

Easy Maintenance

- Easily & quickly replace tubing and pump head

Compatible with all Grinding-Polishing Systems

- Optional accessories for a wide range of configurations

Compatible with all Polishing Abrasives

- Magnetically driven stir bar prevents settling of suspensions

3 Modes of Operation

- All makes and models in Manual Mode
- In Semi-Automatic Mode with the following Buehler equipment or power heads: AutoMet® 250/300/2000/3000, Vector®, PowerPro™, NelsonZimmer® 2000/3000, MetaServ® 250
- In Automatic Mode with EcoMet® Pro Systems



BUEHLER

Excellent Results. Easily Repeatable.™

STANDARD PRODUCT CONFIGURATIONS & OPTIONS

		Manual	Semi-Automatic	Semi-Automatic with Stadium Seating	Automatic with Stadium Seating*
1 Burst Module	Required	40-10005	40-10005 40-2704	40-10005 40-10004 40-2704	40-10005 40-10004 40-10002
	Optional	40-2823	40-2823	40-10006 40-2822	40-10006
2 Burst Modules	Required	40-10005 (qty. 2) 40-2832	40-10005 (qty. 2) 40-2704 40-2832	40-10005 (qty. 2) 40-10004 40-2704	40-10005 (qty. 2) 40-10004 40-10002
	Optional	40-2822 40-2823	40-2822 40-2823	40-10006 40-2822	40-10006
3 Burst Modules	Required	40-10005 (qty. 3) 40-2832	40-10005 (qty. 3) 40-2704 40-2832	40-10005 (qty. 3) 40-10004 40-2704	40-10005 (qty. 3) 40-10004 40-10002
	Optional	40-2822 40-2823	40-2822 40-2823	40-10006 40-2822	40-10006
4 Burst Modules	Required	40-10005 (qty. 4) 40-2832	40-10005 (qty. 4) 40-2704 40-2832	40-10005 (qty. 4) 40-10004 40-2704	40-10005 (qty. 4) 40-10004 40-10002
	Optional	40-2822 40-2823	40-2822 40-2823	40-10006 40-2822	40-10006
5 Burst Modules	Required	40-10005 (qty. 5) 40-2832 (qty. 2)	40-10005 (qty. 5) 40-2704 40-2832 (qty. 2)	40-10005 (qty. 5) 40-10004 40-2704	40-10005 (qty. 5) 40-10004 40-10002
	Optional	40-2822 40-2823	40-2822 40-2823	40-10006 40-2822	40-10006

*Compatible only with EcoMet® 250/300 Pro Systems

40-10005 Burst Dispensing Module (includes 40-2825 Power Cord)

40-10004 Stadium Seating Module

40-10006 Dispensing Arm for AutoMet® 250/300

40-10002 USB Cable, module to EcoMet® Pro

40-2832 USB Cable, module to module (3 pack)

40-2704 Cable, module to Grinder-Polisher

40-2825 Power Cord, 12V (powers 5 modules)

40-2822 Dispensing Stand

40-2823 Hand Switch

40-2824 Bottle, 16 oz [480ml]

00-10099 Replacement Pump

00-10100 Stir Bar



The Burst Control Panel is used to start/stop dispensing and to set the suspension volume rates in Manual and Semi-Automatic modes.

Manual Mode

Operates completely independent from the grinder-polisher. The Burst Control Panel is used to start/stop dispensing and to set the suspension volume rate.

Semi-Automatic Mode

Operates with compatible grinder-polisher via the module-to-grinder-polisher cable. This cable relays the on/off signal from the grinder-polisher. Suspension volume is set on the Control Panel of Burst.

Automatic Mode

Operates only with the EcoMet® Pro grinder-polishers via the EcoMet® Pro cable. Suspension volume is entered on the EcoMet® Pro touch screen and is dispensed automatically during the polish cycle.

Power

84-264 VAC, 50/60 Hz, 1 phase

Weight

Burst Module: 5 lbs [2.26kg]

Stadium Seating: 10 lbs [4.35kg]

Dimensions

Burst Module with Bottle:

10¼ H x 6 W x 5¼ in D
[260 x 152 x 133mm]

Stadium Seating:

9 H x 6½ W x 24⅝ in D
[229 x 165 x 625mm]



The Burst Hand Switch for Manual and Semi-Automatic modes.



BUEHLER



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