

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

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™, MetaServ™ 250
- In Automatic Mode with EcoMet™ Pro Systems



Standard Product Configurations & Options

	Manual	Semi-Automatic	Semi-Automatic with Stadium Seating	Automatic with Stadium Seating*
1 Burst Module	✓ 40-10005	40-10005 40-2704	40-10005 40-10004 40-2704	40-10005 40-10004 40-10002
	○ 40-2823	40-2823	40-10006 40-2822	40-10006
2 Burst Modules	✓ 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
	○ 40-2822 40-2823	40-2822 40-2823	40-10006 40-2822	40-10006
3 Burst Modules	✓ 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
	○ 40-2822 40-2823	40-2822 40-2823	40-10006 40-2822	40-10006
4 Burst Modules	✓ 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
	○ 40-2822 40-2823	40-2822 40-2823	40-10006 40-2822	40-10006
5 Burst Modules	✓ 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
	○ 40-2822 40-2823	40-2822 40-2823	40-10006 40-2822	40-10006

✓ Required

○ Optional

*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, 16oz [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.



The Burst Hand Switch for 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:
10.25 H x 6 W x 5.25in D
[260 x 152 x 133mm]
Stadium Seating:
9 H x 6.5 W x 24.3in D
[229 x 165 x 625mm]



Shop online at www.buehler.com. (US, DE, FR and UK only)

For a complete listing of consumables, visit our website at www.buehler.com or refer our Product Catalogue. Buehler continuously makes product improvements; therefore technical specifications are subject to change without notice.

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BUEHLER Worldwide Headquarters
41 Waukegan Road
Lake Bluff, Illinois 60044-1699 USA
P: (847) 295-6500
www.buehler.com | info@buehler.com

BUEHLER Germany
info.eu@buehler.com

BUEHLER France
info.fr@buehler.com

BUEHLER United Kingdom
info.uk@buehler.com

BUEHLER Canada
info@buehler.ca

BUEHLER Asia-Pacific
info@buehler.com.hk

BUEHLER China
china@buehler.com.hk

