

NEW PRODUCT BULLETIN

Bericht über neue Produkte
Bulletin de nouveaux produits
Boletín de nuevos productos

For two-step coarse grinding

BUEHLER DUOMET® II BELT SURFACER

The all new Buehler DUOMET® II makes coarse grinding of samples faster and more convenient. The DUOMET® II is ideally suited for use in metallography, spectrography and other laboratory coarse grinding applications. Optimum results are achieved through these Buehler engineered features:

- Built-in flushing systems
- Fast—easy belt removal and installation
- Constant tension spring loaded idler pulleys
- Finger-tip belt centering
- Quiet operation
- Epoxy coated belt compartments
- Recessed grinding table for improved safety and convenience
- Corrosion resistant water and drain piping
- Accessory electrical outlet for recirculating system or other attachments
- Convenient on-off switches with indicator lights for motor and accessory outlet
- Separate water controls for both flushing and coolant systems
- Two 4" x 9" grinding stations
- Convenient drop down doors with labyrinth seals on belt compartments

The new DUOMET® II Belt Surfacer features a ½ HP heavy duty fused motor that operates on readily available single phase power. The DUOMET® II two-belt system facilitates two-step coarse grinding. Belts of different grits may be installed so that a sample may be ground on a coarse belt, rinsed to remove residual grinding material and subsequently ground on a finer grit belt. All of these steps may be accomplished without ever leaving the Buehler DUOMET® II.

The DUOMET® II table model may be attached to standard laboratory water and drain supplies or coupled to a Buehler recirculating system for faster, cleaner cutting and longer service life.

The floor model DUOMET® II incorporates all features previously described plus a sturdy TECH-MET® cabinet and recirculating system. This unit is an attractive, functional floor model belt grinder which assures proper cooling and collection of removal products.

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BUEHLER LTD.

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APPARATUS FOR MICROSTRUCTURAL ANALYSIS

2120 GREENWOOD ST. / EVANSTON, ILL. U.S.A. 60204

Buehler-Met GmbH
Zeppelinstrasse 35
D-7302 Ostfildern 4
(Kemnat)/Stuttgart
0711/45 10 42

Buehler-Met AG
Zollfreilager Dreispitz
CH-4023 Basel/Postfach
061/35 21 55

Buehler Ltd.
2525 North Loop West
Houston, TX U.S.A. 77008
(713) 868-1571

Adolph I. Buehler Inc.
2120 Greenwood Street
Evanston, IL U.S.A. 60204
(312) 475-2500

Buehler-Met GmbH
Lessingstrasse 66/68
D-46 Dortmund
0231/82 40 17

Buehler-Met
Handelsges.m.b.H.
Rainerring 22
A-2500 Baden bei Wien
02252/44 83

Tech-Met Canada Ltd./Ltee.
31 Progress Ave., #5
Scarborough (Toronto)
Canada
(416) 291-9831

BUEHLER LTD.

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BUEHLER DUOMET® II BELT SURFACER

No. 16-1290 DUOMET® II BELT SURFACER, table model, corrosion resistant epoxy coated cabinet, two 4"x9" grinding areas, cam operated belt centering devices, dual belt coolant and compartment flushing systems, stainless steel sink with faucet, illuminated on-off switches for motor and accessory outlet, 115V, 60Hz, 1 ϕ 1/2 HP fused motor. Four No. 16-5200 CARBIMET® METSPLICE® Abrasive Belts. Operating Instructions.

Overall dimensions: 24"W x 21"D x 11"H
(61 x 53 x 28 cm)

Approx. shipping weight: 160 lbs. (73 kg)

No. 16-1295 DUOMET® II BELT SURFACER, floor model, same as No. 16-1290 plus sturdy TECH-MET® sheet metal base cabinet with black Formica® top, recirculating cooling system, hose and connector kit.

Overall dimensions: 31"W x 27"D x 41"H
(79 x 69 x 104 cm)

Approx. shipping weight: 400 lbs. (182 kg)

(DUOMET® II also available for operation on 220V, 50Hz, 1 ϕ .)

ADDITIONAL ACCESSORIES FOR DUOMET® II, table model:

No. 10-1250 RECIRCULATING SYSTEM, including baffled and compartmented tank, 1/15 HP, 115V, 50/60 Hz, 1 ϕ motor connected directly to pump.

Overall dimensions: 13"W x 21"D x 16"H
(33 x 53 x 40 cm)

Approx. shipping weight: 75 lbs. (34 kg)

(Also available for operation on 220V, 50/60 Hz, 1 ϕ .)

No. 16-3180 HOSE & CONNECTOR ASSEMBLY for connection of DUOMET® II table model to recirculating cooling system.



No. 16-1295

ABRASIVE BELTS FOR SURFMET® AND DUOMET® BELT SURFACERS

Grit	Aluminum Oxide Dry Use only 4" x 36" (10.2 x 91.4 cm)	Silicon Carbide Carbimet® Metsplice® Wet or Dry Use 4" x 36" (10.2 x 91.4 cm)
	50	16-5000-050-010
80	16-5000-080-010	16-5200-080-010
120	16-5000-120-010	16-5200-120-010
150	16-5000-150-010	
180	16-5000-180-010	16-5200-180-010
240	16-5000-240-010	16-5200-240-010
320	16-5000-320-010	16-5200-320-010
400		16-5200-400-010
600		16-5200-600-010

(All Belts packaged 10 per box)