

BULUFINE **PRECISION CUTTER**



CE

BMS Bulut Makina Sanayi Ve Ticaret Ltd. Şti.

Kocaeli KOBİ Organize Sanayi Bölgesi
Köseler Mahallesi, 6.Cadde No: 20/2 Dilovası / KOCAELİ / **TURKEY**
Phone: +90 262 502 97 73-76 / +90 262 503 06 51

Web site: www.bulutmak.com-mail : bms@bulutmak.com

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1. BULUFINE PRECISION CUTTER

BULUFINE precision cutter is suitable for practical & ergonomic cutting of metal, ceramic type materials, electronic components, composite materials, biomedical materials, variety of materials, such as minerals.

To assure safety cutting, Plexiglas material used. Body of the device made of cast aluminum, so that strong & durable case obtained.

1.1. APPLICATION AREAS

Research, industrial & quality control laboratories, universities, foundries are some of using fields.

1.2. GENERAL TECHNICAL SPECIFICATIONS OF THE DEVICE

- Robust solid body for metal, ceramic and for mineral materials,
- Corrosion-resistant and plexiglas glass cabinet, to observe cutting procedure
- Special aluminum alloy heavy solid body,
- All parts are made of stainless steel or chrome plated steel,
- Standard 125 X 0,5 mm diamond cutting disc,
- Cutting pressure can be easily & safety adjusted by counter-weights.

1.3. TECHNICAL SPECIFICATIONS

Machine dim's (cm)	57 (W) X 47 (H) x 40 (H)
Case dimensions (cm)	70 (W) X 60 (H) x 55 (H)
Weight (Net / Gross) kg	34 / 60
Main Motor	0,18 KW, AC 220 Volt, 1300 dev / dak
Cutting speed (rpm)	100-600 (adjustable)
Cutting system	Manual
Diamond Cutting disc size	125x 0,5 mm (100X0,5 mm optional)
Cutting fluid reservoir capacity	3 liters

1.4. STANDARD ACCESSORIES

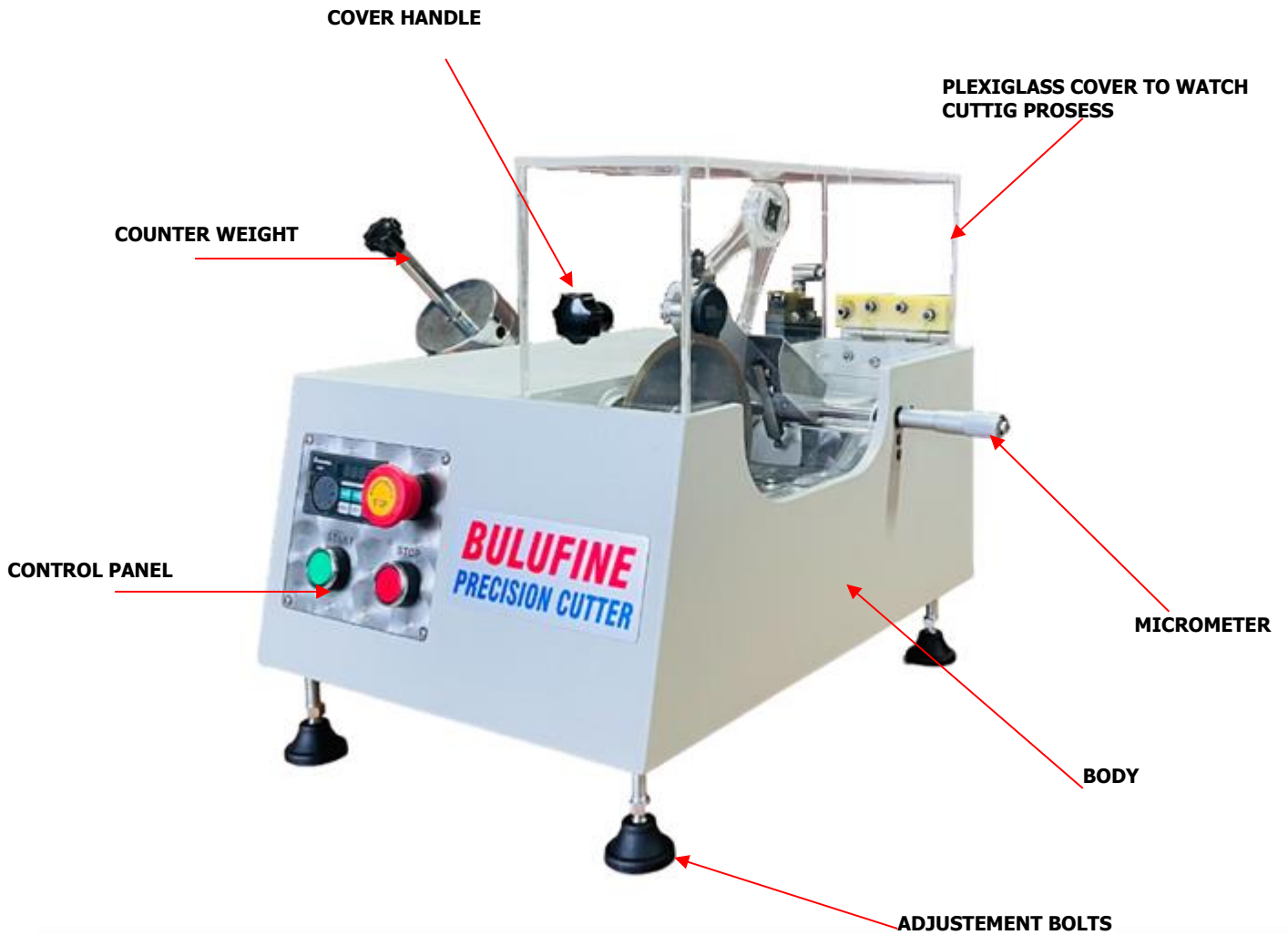
Wrench and bolt

125 mm diamond cut-off wheel (1 pc)

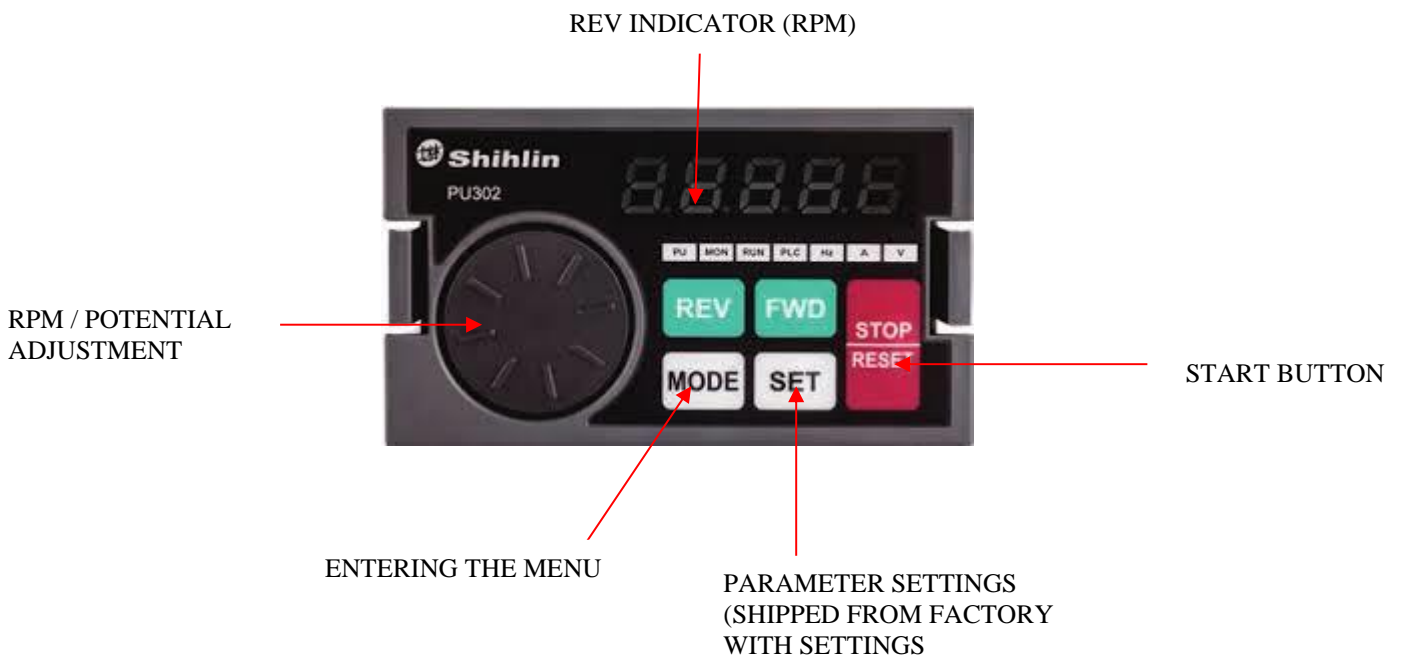
Cutting fluid (5 liters)

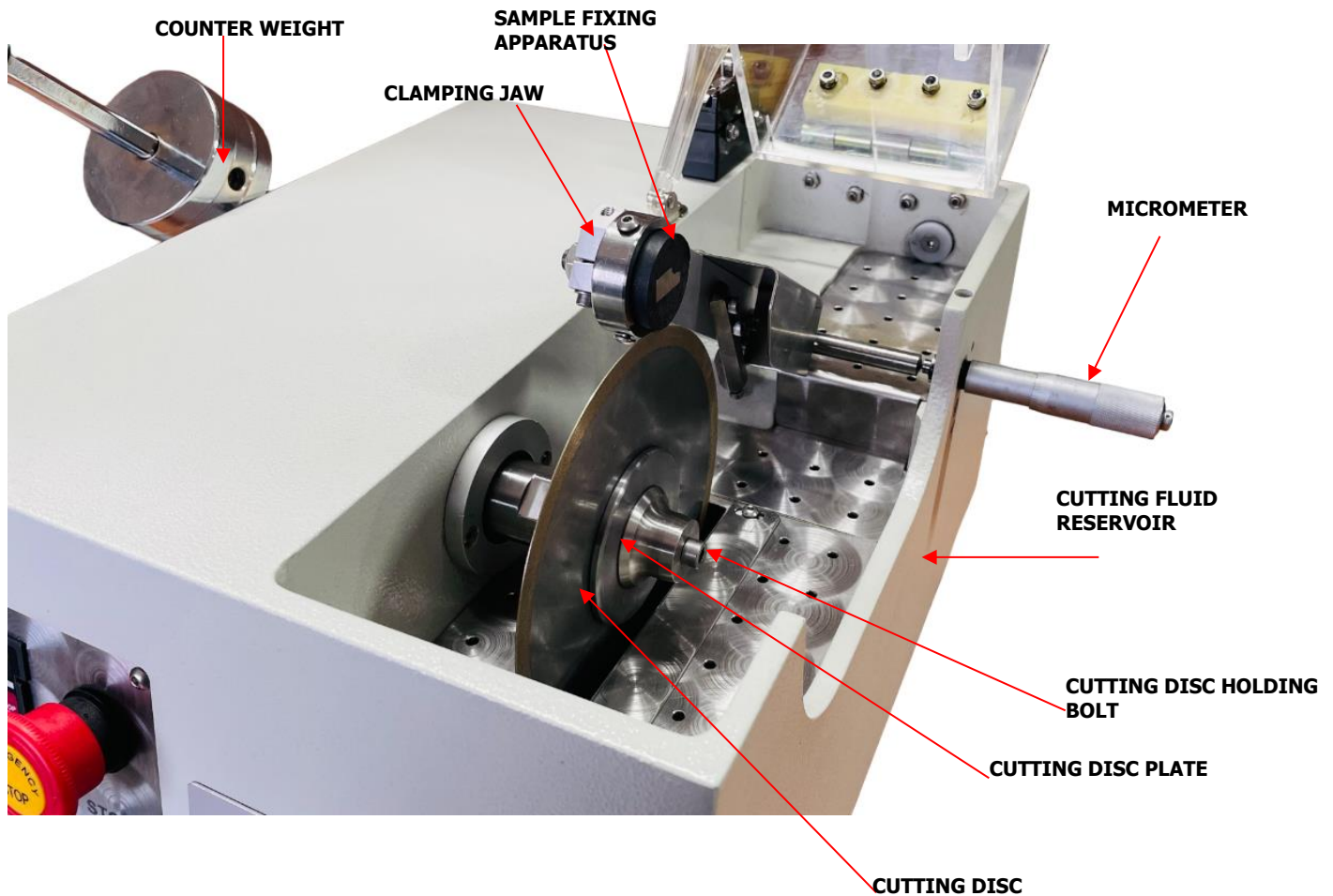
User's Guide

2. MAIN PICTURE OF THE MACHINE



*...Pic 1...
(Main pic. of the machine)*



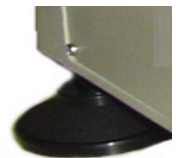


*...Pic. 2...
(The view from the inside of machine)*

2.1. PLACING THE UNIT

- ✓ Open the cover.
- ✓ Place the device on suitable place and locate the 4 bolts to assure flatness.
- ✓ Obtain AC 220V-50Hz electrical connection.

adjustment bolt



2.2. INSTALLATION

Examine the electrical diagram of the electrical connection before running the machine.

2.3. INSERTING OF CUTTING DISC

- ✓ Pay attention when installing the cutting disc. **Do not use discs more than 125 mm x 1,0 mm**
- ✓ Lift the cover up. Using 36 mm socket wrench, loosen the clamping nut (be sure clockwise/ anticlockwise position), and place cutting disc.
- ✓ Make sure you clean both surfaces.

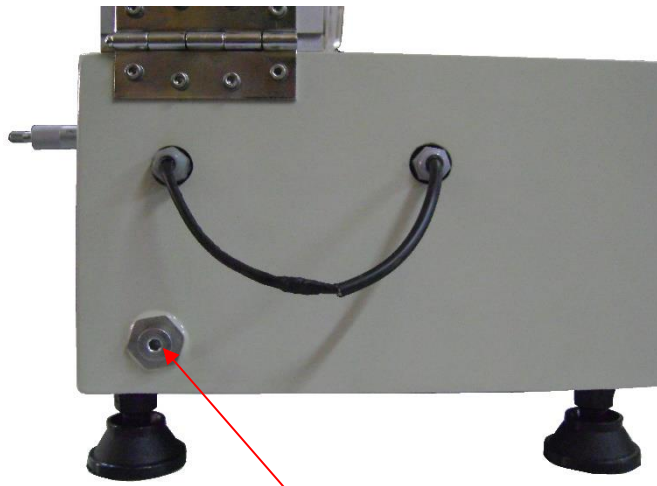
3. OPERATING INSTRUCTIONS

3.1. PLACING OF SAMPLE

- ✓ Place the sample (or holder with the fixed sample) and tighten.

3.2. CUTTING OPERATION

- ✓ Close the cover.
- ✓ Start the engine by pressing the START BUTTON button.
- ✓ When cutting process done, stop pressing the START BUTTON.
- ✓ To ensure an ideal cutting pressure, position of counter-weights can be adjusted.
- ✓ Do not open cover until cutting processes done.



**CUTTING FLUID
DRAIN**