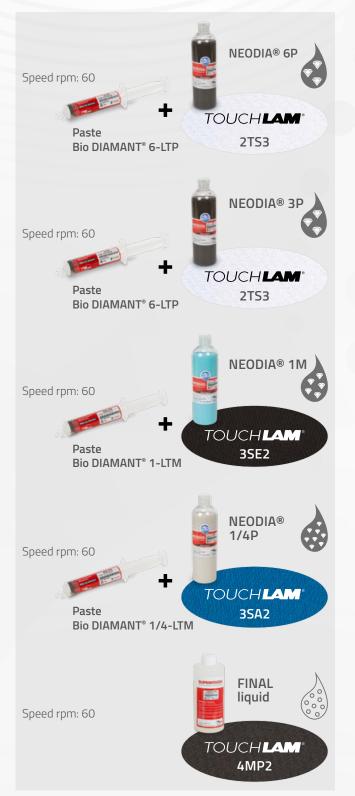
## SUPPORTS & CONSUMABLES

# POLISHING RANGE

Solution for finish polishing minerals after grinding with PE128.

**OBJECTIVE:** obtain a polished surface with no visible scratches at 500x and a thickness of between 15 and 10  $\mu$ .

MACHINE: MASTERLAM 3.0 GEOLOGICAL - Ø 300 mm



### THICKNESS SETTING FOR THIN SHEETS

For the preparation of mineralogical samples, the first step is to calibrate the thin slides themselves, so that the reference thickness of each support is identical.

## PREPARATION

**OBJECTIVE:** Thickness calibration of thin glass slides before use. Tolerance 3 to 6  $\mu$ .

#### EQUIPMENT USED:

MACHINE: **M.M.9400** ABRASIVE DISTRIBUTION: **DOSING UNIT 710** SUPPORT: GROOVED **CAST-IRON PLATE** SAMPLE HOLDER: **PE128** 

#### ABRASIVE: BIOLAM PLUS SIC

Abrasive: BIOLAM PLUS SiC F500 (13µm) + 50% water Distribution: 1 second every 2 seconds Rotation speed: 40 rpm Stock removal: 10 µ/min Abrasive: BIOLAM PLUS SiC F600

Abrasive: BIOLAM PLUS SiC F600 + 50% water Distribution: 1 second every 2 seconds

Rotation speed: 40 rpm

Abrasive: BIOLAM PLUS SiC F1200 + 50% d'eau Distribution: 1 second every 2 seconds Rotation speed: 40 rpm





