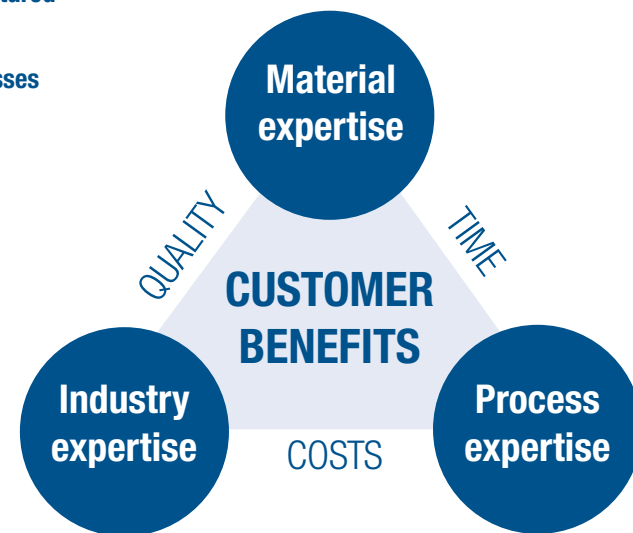




Submikron as your competent system partner with comprehensive material, process, and industry expertise

Machines, working plates, and consumables are developed and manufactured in-house according to requirements and consumption.

We produce customized products and optimize customer-specific processes to achieve perfect surfaces!



Contact us!

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ECO LAP COMPACT 380

The compact benchtop machine

ECO LAP COMPACT 380

Submikron expands its machine portfolio with a new benchtop machine. The ECO LAP COMPACT 380 combines an attractive price with the highest Submikron quality. A well-thought-out, practice-oriented overall concept ensures simple operation, convenient handling, and smooth workflows.

Equipped with Siemens LOGO! control, both the machine and the dosing system can be precisely and efficiently controlled as a single unit. Up to 10 lapping programs can be stored and accessed at any time, ensuring maximum flexibility in production.

The robust stainless-steel frame guarantees long service life, making the ECO LAP COMPACT a reliable solution for your requirements. The ECO LAP COMPACT is manufactured entirely in Germany – quality “Made in Germany” you can rely on.

TECHNICAL DATA

Modell	ECO LAP COMPACT
Version	Benchtop Version
Working plate-ø [mm]	380 (15")
Conditioning ring inner-ø [mm]	140
Number of conditioning rings	3
Power [kW]	0,55
Voltage [V]	230
Speed [U/min]	20-60
Dimensions [mm]	860 x 590 x 650
Weight [kg]	120
Frame	Stainless steel

Additional Product Information

Integrated dosing system: Especially well-suited for dosing diamond and fluid, but also for conventional lapping media such as silicon carbide suspension. The dosing is controlled via the machine's integrated PLC.

- Number of dosing media: Two media, two glass containers (1 liter each)
- Mixing: Magnetic stirrer for diamond suspension
- Dispensing: One dosing arm for two lapping media dispenses via two single-channel peristaltic pumps through a flexible hose onto the lapping plate
- Advantages: No sedimentation of solids, no aerosol formation, highly accurate and PRECISE dosing, easy operation, suitable for beginners and experienced users alike

