

Reneka Micro sieve technology

High reproducible micro-etch technology.



It has been developed in cooperation with Reneka but it fits in all portafilters. So you can also use it in any other espressomachine brand: La Marzocco, San Remo, VBM, etc, etc.

Technical information:

PHOTOCHEMICAL ETCHING, HOW DOES IT WORK ?

The Technology

Photochemical etching is a sophisticated technology, dedicated to the manufacturing of metal objects and components of high complexity, and requiring minimal dimensional tolerances. This process is based on the controlled removal of metal through means of combined chemical-physical action. The flexibility of the technology allows to produce objects of virtually any shape or dimension, in a wide range of materials and profiles, starting from any image supplied by the client.

The Advantages of Photochemical Etching

Compared to traditional mechanical processes, photochemical etching avoids stressing or deforming metal. This allows to keep intact the molecular properties of the material, with the benefit of **vastly superior precision in the engraving**. This makes photochemical etching particularly suited to components requiring high precision or refined aesthetics. Furthermore, low tooling costs make the technology highly cost effective, particularly on low and medium volumes.

- Accuracy and precision
- Fine features and high aspect ratios
- Quality and repeatability
- Burr free stress free components
- No tool wear