COOLING STAGE

The cooling stage provides very low temperature processing. With temperatures of the sample holder and mask down to -160°C, extremely heat sensitive samples such as rubber, water soluble polymer fibers or even marshmallows can be safely processed. The 25-liter dewar provides at least enough LN₂ for a full working day without refilling. Warming up of the sample is automatically carried out at the selected temperature under low vacuum, thus avoiding moisture contamination.

FIELDS OF APPLICATION

› Polymer  
› Rubber  
› Foods  
› Heat-sensitive metals  
› Cosmetics  
› Pharmaceuticals
TECHNICAL DETAILS

› Temperature range from +30 to -160°C +/- 5°C

› Sample size up to 25 x 20 x 5 mm (length x width x height)