

Efficient Cell Disruption System MMZA



Technical specifications:

- Voltage: 90 – 230 V AC
- Power rating: 60 W
- Dimensions (W x D x H): 200 x 300 x 220 mm
- Weight: 4 kg
- free programming of parameters
 - rotation speed and rotation direction of the rolls
- variable gap between rolls according to the cell dimension
- self-regulating throughput from 0.1 ml/min to 5 ml/min according to the disruption goods
- disruption of cells from 5 µm
- programmable memory for up to 50 programs
- sterilizable disruption unit

Brief description:

- Micromechanic cell disruption for laboratories in research and supervision
- Suitable for gentle disruption of animal or vegetal cells, algae, germs, eukaryotic cells and filamentous fungi
- Safe results with disruption rates of more than 90 % for cells from 5 µm
- Gentle disruption is the key benefit compared to well-known disruption processes.
- Based on this totally novel principle all cellular components are available almost unspoiled.
- The user is able to configure the apparatus optimal by modifying various parameters for a wide range of cell types and sizes. Therefore high disruption rates and high disruption quality is guaranteed.
- The throughput can be regulated with an automatic handling device in according to the consistency.
- Manual pipetting of the suspension is possible too, of course.
- Disruption rates of up to 5 ml/min are able, depending on the type of suspension.
- Easy purification or disinfection of all with suspension contaminated parts is another advantage besides the perfect usability.
- Very fast changeover to new batches

Tel.: +49 (0) 36 77 – 46 12 – 0
 info@etg-ilmenau.de
 www.etg-ilmenau.de

Laboratory Devices for Automated Sampling