

# MEKA TR-1000

The most  
innovative solution  
for processing  
body fluid  
collection bags



## Why MEKA TR-1000

Meka TR-1000 is the ideal **solution** for **automating the processing** and **total emptying** of plastic bags containing body fluids, used in **healthcare** and **the care sector**.

The process is carried out by **shredding** the bags and **separating** the fluids, which are directly conveyed to the sewage system.

### Safe.

TR-1000 protects the operator, **by preventing the biohazard risks** they would face through contact and inhalation by manually performing the disposal process.

### Efficient.

TR-1000 is able to **empty the bags** completely and compress them automatically, reducing **their volume and weight by over 90%**.

The system is highly efficient and minimises the amount of time required from the healthcare professional for the disposal process.

It simultaneously processes bags fitted with tubes and valves **up to 14 litres in volume**. A disposal cycle takes only 15 seconds.

### Reliable.

Due to its wide-reaching rollout across Italy, TR-1000 has achieved the highest standards of reliability, minimising downtime thanks to an effective system of remote and predictive maintenance.



## About MEKA

MEKA Srl was created from years of experience in highly specialised mechanics, with the aim of developing innovative technology for the disposal of hospital waste. Meka Srl places high-quality solutions and customer satisfaction among its leading objectives. Its products are defined by extreme accuracy, and are technologically more effective than many similar products on the market.

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## Cost-effective.

TR-1000 significantly **reduces the cost** of bagged waste disposal by completely emptying bags and considerably **reducing weight and volume** for the health care facility.

The reduction in both volume and weight also significantly **limits the handling of containers** designed for the disposal of medical waste, therefore saving **time** for operators and increasing **their job satisfaction**.

To function correctly, TR-1000 requires detergent to sanitise the machine and waste residue, but does not require any other consumable materials, which provides additional savings.



## Compact and ergonomic.

The design of TR-1000 is simple and compact. It easily fits into environments devoted to emptying and washing operations. TR-1000 complies with current occupational safety regulations. Its loading height prevents the risk of illness and injury caused by the handling of loads by the operator.



## Practical and intuitive display

The large, colour touch screen creates an interface for the user, allowing machine control and alarm display.



## Operational capacity

TR-1000 is able to simultaneously dispose of 3 2-litre bags, disposing of larger bags separately, from 5 -7-10 up to 14 litres.



## Operating method

Shredding the bags reduces the weight and volume of the plastic inserted into the machine by over 90%.



## Microplastic filter

Prevents the disposal of polluting particles into the sewage system.



### Accessories

Trolley for safely transporting the bags, equipped with collection tubs. Capacity: 45 2-litre bags.

Load capacity: 90 kg  
Width: 520 mm  
Depth: 650 mm  
Height: 1420 mm



### CaRMA\_Connect

New software for support, planning maintenance, auditing performance and customising functional settings.



## MEKA TR-1000

Technical specifications

### Made of AISI304 STAINLESS STEEL

Width: 700mm  
Depth: 600 mm  
Height: 1310 mm  
Weight: 250 kg

Noise level: 68 Db  
Power supply: 208/230 V single phase  
Frequency: 50/60 Hz  
Installed capacity: 2000 watts  
Electrical connection: 3-pin CEI plug  
Water connection: 3/4" tap with male thread  
Drain connection: DIN 50 with hose adaptor, dia. 30 mm



**MEKA**<sup>SRL</sup>  
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