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Ultrasonic cleaning units

## Transsonic TI-H

### Multi-frequency units for industrial applications

- Robust and durable ultrasonic cleaning units with individually adjustable multi-frequency for intensive and gentle cleaning tasks
- Degas-function for fast and efficient degassing of new cleaning liquids
- Sweep-function for an excellent sound field distribution and even better cleaning results

# Transsonic TI-H

The ultrasonic cleaning units with multi-frequency for the industry

## Adjustable multi-frequencies for different cleaning task

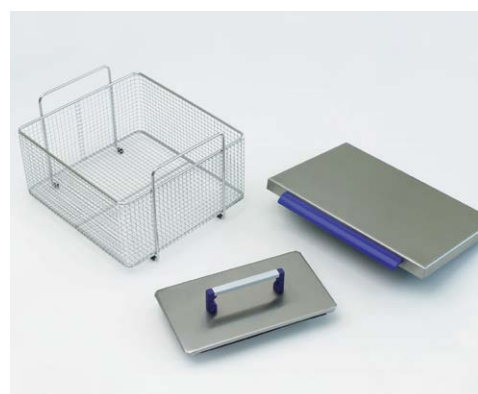
- **Multi-frequency version with 25/45 kHz:**
  - 25 kHz for the coarse removal of lapping abrasives and polishing media.
  - 45 kHz for the fine cleaning of oils and grease.
- **Multi-frequency version with 35/130 kHz:**
  - 35 kHz for the removal of oils and grease from hard surfaces made of metal, glass and hard precious stones.
  - 130 kHz for the cleaning of sensitive surfaces, e.g. in the jewellery business and for electronic parts.



## Ultrasonic technology with thoughtout functions

- **Degas-function**  
Newly prepared cleaning fluid is saturated with air. The gas should be removed from the fluid in order to optimise its effectiveness in an ultrasonic bath. This is easily accomplished with the Degas-function. Furthermore the function is used for the degassing of HPLC solvents in the industrial laboratory.
- **Sweep-function**  
The Sweep-function creates a uniform sound field distribution and thus the cleaning power is optimum distributed throughout the entire cleaning bath.

## Accessories for Transsonic TI-H



*Stainless steel basket, stainless steel cover, hinged noise protection cover, and much more.*

## Technical data

|  | TI-H-5          | TI-H-10         | TI-H-15         | TI-H-20         |
|--|-----------------|-----------------|-----------------|-----------------|
| <b>Ultrasonic frequency* (kHz)</b>           | 25/45 or 35/130 | 25/45 or 35/130 | 25/45 or 35/130 | 25/45 or 35/130 |
| <b>Tank operating capacity (l)</b>           | 3.5             | 8.6             | 12.2            | 16.8            |
| <b>Max. tank capacity (l)</b>                | 4.7             | 10.8            | 14.4            | 19.8            |
| <b>Ultrasonic power effective (W)</b>        | 100             | 200             | 200             | 250             |
| <b>Heating power (W)</b>                     | 400             | 800             | 1000            | 1400            |
| <b>Unit external dimensions W/D/H (mm)</b>   | 340 / 300 / 370 | 400 / 415 / 370 | 400 / 415 / 420 | 430 / 470 / 420 |
| <b>Tank internal dimensions W/D/H (mm)</b>   | 240 / 130 / 150 | 300 / 240 / 150 | 300 / 240 / 200 | 330 / 300 / 200 |
| <b>Max. basket loading (kg)</b>              | 3.0             | 7.0             | 7.0             | 10.0            |
| <b>Basket internal dimensions W/D/H (mm)</b> | 200 / 100 / 90  | 260 / 210 / 90  | 260 / 210 / 135 | 290 / 270 / 135 |
| <b>Weight (kg)</b>                           | 10.5            | 14.8            | 16.0            | 20.0            |

\*Multi frequency versions: MF2 with 25/45 kHz or MF3 with 35/130 kHz



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