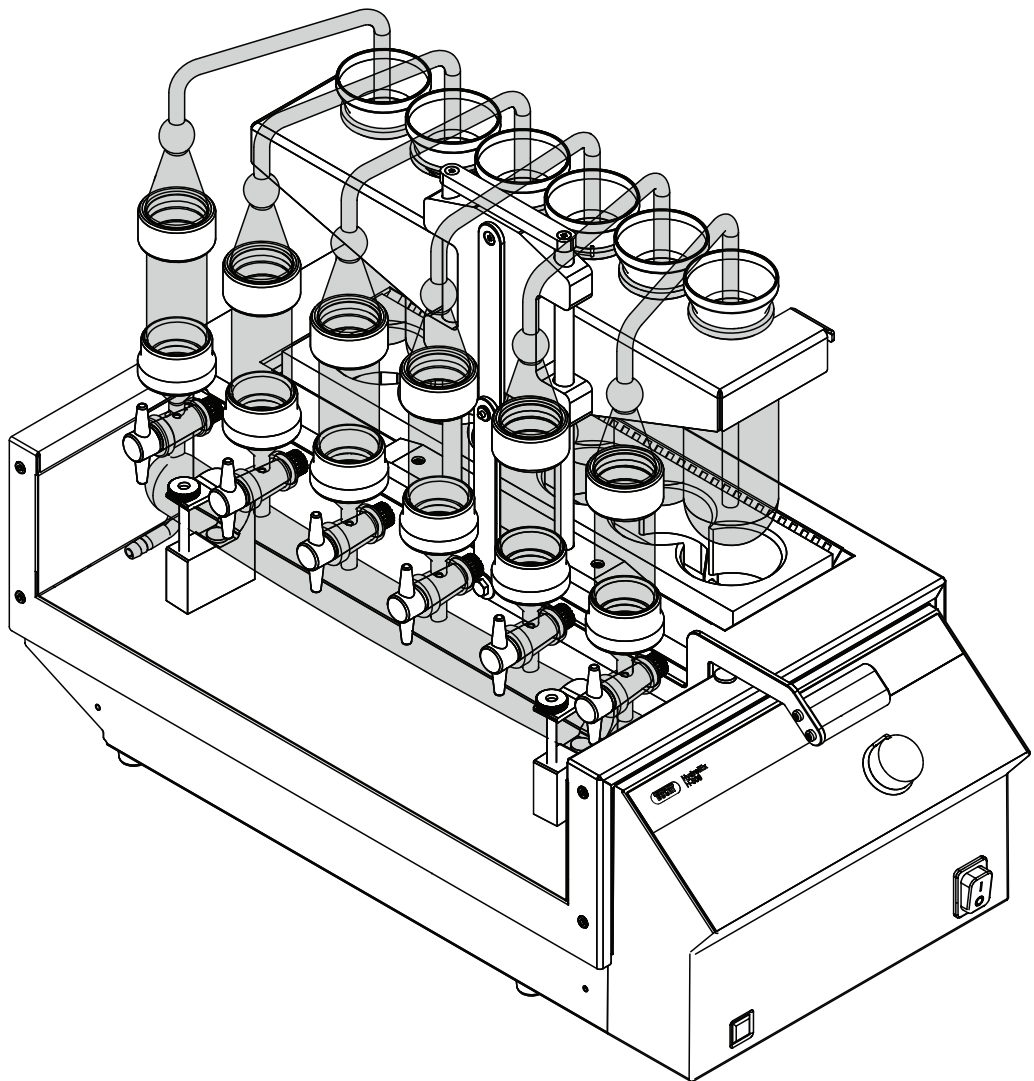




HydroEx H-506

Technical data sheet

The HydroEx H-506 ensures convenient and safe acid hydrolysis for total fat content determination handling six samples simultaneously. The method complies with the standardized methods (Weibull Stoldt, AOAC). The HydroEx H-506 is compatible with the FatExtractor E-500.



Order Code

Choose the configuration according to your needs:

| | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|--|----------|----------|--|
| 1 | 1 | H | 5 | 0 | 6 | | 0 | 0 | |
|----------|----------|----------|----------|----------|----------|--|----------|----------|--|

Vacuum _____

- 0 Without
- 1 Waterjet pump

Voltage _____

- 1 220-240 V
- 2 100-120 V

Scope of delivery

All configurations are supplied ready to use.

| | |
|-----------------------------|----|
| HydroEx H-506 | 1 |
| Rubber couplings | 12 |
| Glass sample tube with frit | 6 |
| Rinsing funnel | 6 |
| Sample aspiration tube | 6 |
| Suction tube cpl. | 1 |
| Hydrolysis vessel | 6 |
| Power cable | 1 |
| Operation Manual | 1 |
| Vacuum hose 2 m | 1 |
| Quartz sand 2.5 kg | 1 |

HydroEx H-506

| Specification | HydroEx H-506 for 115 V | HydroEx H-506 for 230 V |
|--------------------------------|-------------------------|-------------------------|
| Dimensions (W x D x H) | 312 x 614 x 470 | 312 x 614 x 470 |
| Weight (without glassware) | 13 kg | 13 kg |
| Weight (with glassware) | 16.5 kg | 16.5 kg |
| Connection voltage | 110 - 120 ± 10 % VAC | 220 - 240 ± 10 % VAC |
| Fuse | 10 A | 10 A |
| Frequency | 50 / 60 Hz | 50 / 60 Hz |
| Overvoltage category | II | II |
| Protection class | 1 | 1 |
| Pollution degree | 2 | 2 |
| Power consumption | 1200 W | 1200 W |
| Temperature range heater | 70 - 495 °C | 70 - 495 °C |
| Total Heating power | 1200 W | 1200 W |
| Number of hydrolysis positions | 6 | 6 |
| Approvals | CE / CSA | CE / CSA |

Ambient conditions

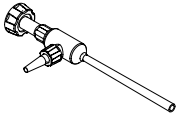

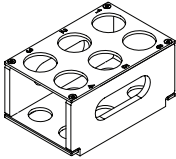
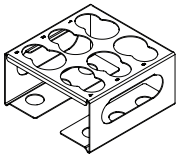
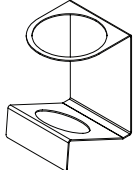
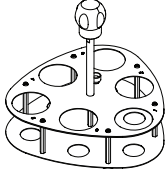
For indoor use only.

| | |
|-------------------------------|--|
| Max. altitude above sea level | 2000 m |
| Ambient temperature | 5–40 °C |
| Maximum relative humidity | 80% for temperatures up to 31 °C decreasing linearly to 50 % relative humidity at 40 °C |
| Storage temperature | max. 45 °C |

Spare parts

| | Order no. | Image |
|--------------------------------------|-----------|--|
| Insulation plate | 11065169 |  A rectangular plate with a series of five semi-circular indentations along its length. |
| Suction tube, cpl. | 11064546 |  A long, thin tube with several small, circular components attached along its length. |
| Set of hydrolysis vessels, 2 pcs. | 11064547 |  A cylindrical vessel with a wide mouth and a narrow neck. |
| Set of aspiration tubes, 2 pcs. | 11064548 |  A glass tube with a bulbous end and a long, thin stem. |
| Glass sample tubes with frit, 6 pcs. | 11067497 |  A cylindrical glass tube with a wide mouth and a narrow neck. |
| Set of rinsing funnels, 2pcs. | 11067582 |  A funnel with a wide mouth and a narrow stem. |
| Vacuum hose, 2 m | 040459 |  A long, thin, cylindrical hose. |
| Set of upper couplings, FKM, 3 pcs. | 11068611 |  A cylindrical coupling with a wide mouth and a narrow stem. |
| Set of lower couplings, FKM, 3 pcs. | 11068612 |  A cylindrical coupling with a wide mouth and a narrow stem. |

Accessories

| | Order no. | Image |
|--|-----------|---|
| Water jet pump. Plastic Used when tap water is used to generate vacuum. | 002913 |  |
| Suction set with pump Vacuum pump V-100, bottle, tubing | 11068473 |  |
| Holder for glass sample tubes, PTFE | 11067220 |  |
| Holder for glass sample tubes, stainless steel | 11067219 |  |
| Weighing support for hydrolysis vessels | 11067040 |  |
| Hydrolysis vessel carrier | 11067492 |  |

Consumables

| | Order no. |
|----------------------------------|-----------|
| Quartz sand 0.3 - 0.9 mm, 2.5 kg | 037689 |
| Celite® 545, 1 kg | 11068920 |