









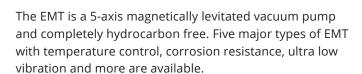






For ultra-high vacuum requirements and harshest applications

POWER PACK



BENEFITS

EMT

- Ultra-high vacuum
- Most energy efficient temperature management
- Radiation resistent or with PK board inside
- Completely hydrocarbon free
- Installation in any orientation
- Safety standards







| Models | ЕМТЗ97М | EMT427M | ЕМТ907М | EMT1307M | EMT2400M |
|---------------------------------------|------------|------------|-------------|-------------|-----------|
| Pumping speed in I/s | 340 | 400 | 900 | 1,300 | 2,400 |
| Ultimate pressure Pa | < 1.00E-7* | < 1,00E-7* | > 1,00E-8** | < 1,00E-8** | < 1,00E-6 |
| Backing pump (re- commended) l/min | > 160 | > 160 | > 250 | > 250 | > 500 |
| Inlet flange diameter DN | DN100 | DN160 | DN160 | DN200 | DN250 |
| Throughput N2 (sccm) | 2,000 | 2,000 | 3,000 | 3,000 | 3,000 |
| Start up time (min) | < 3 | < 3 | < 5 | < 5 | < 5 |
| Stop time (min) | | | < 5 | | |
| Height in mm | 288 - 294 | 250 - 255 | 401 - 407 | 349 - 410 | 340 |
| Size in mm (diameter) | Ø186 | Ø180 | Ø264 | Ø264 | Ø310 |
| Weight in kg | 16-19 | 16-19 | 37-45 | 37-45 | 45 |

APPLICATIONS FOR EMT

EUV lithography Micro-machining (MEMS)

CD line width measurement

SEM/TEM Electron

Microscopy

Nano technology

XPS

For further information, technical data or drawings please contact ⊠ components@ebara-pm.eu

EBARA is a worldwide leading global manufacturer of vacuum and semiconductor systems used in the production of wafers, liquid crystals, solar cells and other products requiring advanced technology.

EBARA supports





EBARA Precision Machinery Europe (EPME) is part of the Japanese EBARA Group and employs about 230 people in Europe. The portfolio includes dry and turbo molecular vacuum pumps as well as gas abatement systems. In addition, EPME sells state-of-the-art CMP tools, wafer bevel polishing and substrate coating systems. In Europe, EPME has a central warehouse and two overhaul centres for vacuum pumps. EBARA is best-in-class on the vacuum pumps and CMP tools world market and No 1 on the wafer bevel polisher world market.

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