









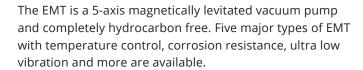






For ultra-high vacuum requirements and harshest applications

**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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