



SEMICONDUCTOR



GENERAL  
VACUUM



ANALYTICAL  
INSTRUMENTS



R&D



EV-SA

# THE ANALYTICAL ONE

Air cooled EV-SA dry vacuum pump  
for clean vacuum applications



The EV-SA has an excellent performance for light duty applications. The energy consumption is significantly reduced. The operation cost is very low and the footprint small. A powerful solution with high ROI rate. Small but strong.

## BENEFITS

- Lowest energy consumption
- No maintenance
- Low operation costs
- Wide vacuum range
- High profitability
- Minimal footprint



Models	EV-SA10	EV-SA20	EV-SA30	EV-SA50
Max pumping speed in l/min	1,000	1,670	3,300	5,000
Max pumping speed in m <sup>3</sup> /h	60	100	200	300
Ultimate pressure Pa Gas ballast: on	2.0	5.0	3.0	0.5
Power at ultimate Pressure in kW	1.2	1.5	1.3	1.2
Cooling requirements	air cooling			
Noise emission dB(A)	55	57	60	57
Size in mm	W	300	324	356
	L	530	584	713
	H	320	347	347
Weight in kg	45	65	90	150
Application form	light duty applications			

All data without guarantee.

## APPLICATIONS FOR EV-SA

Load lock

Transfer

Metrology

SEM

Litho

PVD

Mass spectrometer

## APPLICATIONS RANGE



**For further information, technical data or drawings please contact  [components@ebara-pm.eu](mailto: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 approximately 150 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 an overhaul centre for vacuum pumps.

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