

Gas Technologies

Dedicated to providing reliable, value for money gas, air and boosting equipment for today's diver.

THE PE 100 RANGE

Compact performance – attractive price!

- › EASY OPERATION
- › ELECTRICAL OR GAS DRIVE
- › BREATHING AIR ACC. TO DIN EN 12021¹

¹Assuming proper maintenance and installation of the systems in accordance with operating instructions/operating manuals, in cases where intake air CO₂ concentration does not exceed the levels required by the applicable breathing air standard.

- › 100 l/min
- › 225 / 330 bar



POSEIDON EDITION stands for an excellent price/performance ratio at very high quality. This unit range has been developed for reliable operation combining proven core components from BAUER with a simple and robust chassis.

The PE 100 is by far the smallest and lightest compressor unit of the PE range. With its three drive variants petrol, three-phase and single-phase alternating current it is suitable for a wide variety of applications, whether onshore or in vehicles.



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PE 100 – Robust technology in compact design



Unit variant with petrol drive



Purification system P 11 for pure breathing air

MOBILE AND VERSATILE IN APPLICATION

- › Whether as a breathing air compressor for diving groups, fire brigades or for filling cartridges for competition marksmen, the possible applications of the PE 100 are almost unlimited.
- › Due to its low weight, compact design and small dimensions, the PE 100 is easy to transport and fits comfortably into almost any car trunk.
- › The petrol driven version can be operated without an electric power supply even in the remotest places. With an alternating current drive it is suitable for the normal house mains.

PURE BREATHING AIR

- › In the purification system P 11, the sophisticated filter technology from BAUER is used to provide an air quality¹ markedly better than the strict safety limits of the breathing air standards DIN EN 12021¹.

¹ Assuming proper maintenance and installation of the systems in accordance with operating instructions/operating manuals, in cases where intake air CO₂ concentration does not exceed the levels required by the applicable breathing air standard.

QUALITY AND SERVICE

- › The compressor block of the PE 100 is manufactured by BAUER in Germany. Over 100,000 examples of this model have been sold over the last 15 years and perform their task worldwide with their legendary BAUER reliability.
- › The sophisticated technology makes particularly long maintenance intervals possible. This is easy on the purse and helps to limit the annoying shutdown times of the compressor during necessary service works to a minimum.
- › A distribution network comprising more than 300 partners worldwide assures quick and reliable provision of spare parts and maintenance materials – for decades!

Technical data

Model	Drive	Charging rate	R.P.M.	Filling rate	Drive		Purification system	Dimensions approx. cm			Weight net approx. kg
					kW	HP		L	W	H	
225 or 330 bar ²		l/min ³	min ⁻¹	min ⁴							
PE 100 - TB	4-stroke petrol	100	2300	2,0	4,2	5,7	P 11	74	34	42	42
PE 100 - TE	3-phase	100	2300	2,0	2,2	3,0	P 11	66	35	42	44
PE 100 - TW	Single-phase	100	2300	2,0	2,2	3,0	P 11	66	35	42	44

² Only one operating pressure per unit possible

³ Cylinder filling from 0 up to 200 bar

⁴ Filling rate for 1 litre cylinder from 0 up to 200 bar

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