





尚埃动力
让科技改变环境

MedLine



**Oilfree
compressor stations
for medical and
laboratory applications**

MedLine



Continuous operation
连续工作

Built in filters and air drying unit
内置过滤器和干燥装置

With lectronic control unit and monitoring software
具有智能控制和监控系统

Nearly zero maintenance
零维护

Made in Germany
德国制造

Certified Class IIa medical products
具有欧洲二类A级医疗认证

Trust **DÜRR** Innovation
Hygienic
Oil-free
Quality
Reliability
Service



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oil-lubricated
compressor
without air drying
unit

oil-free Dürr
compressor with
membrane-drying
unit



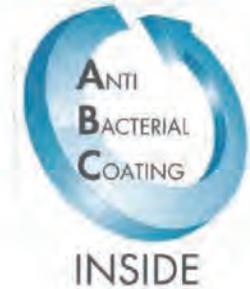
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Quality is our priority

Compressed air for medical and laboratory environments must be hygienic. The presence of moisture, oil or particulate matter would jeopardize the stability of materials, the operation of medical equipment and laboratory instruments as well as the accuracy of tests. Therefore, moisture content must be kept to a minimum, contamination by oil and particulate matter must be eliminated.

The heart of our stations are oil-free compressors, with technology which ensures that oil related contamination is out of the question.

Our patented membrane dryer prevents moisture in the system and eliminates the possibility of breeding grounds for organisms. A low pressure dew point ensures hygienic, tasteless and odour-free compressed air.



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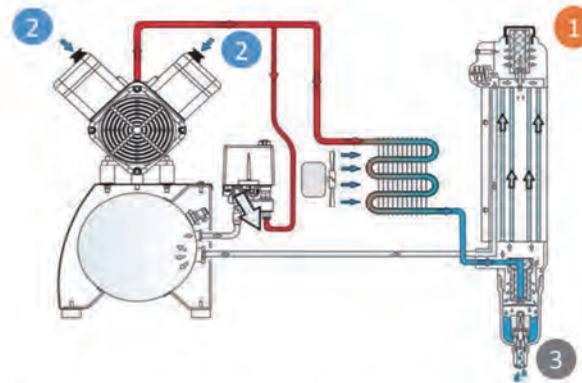
Engineered to perfection



The electronic control system together with the Tyscor Pulse software integrates the station in the network of your clinic or laboratory.

- Enables scalability
- Remote system configuration features
- System monitoring, fault detection and remote maintenance features

Dürr compressor stations are capable of continuous operation, demand low maintenance* and are network compatible with an electronic control unit – a reliable workhorse that once installed, lets you peacefully focus on your patients and tests.



* Filter elements (marked 1,2 and 3 above) are recommended to be replaced once a year to ensure optimal air quality



The MedLine stations have a membrane drying unit, developed and patented by Dürr. With its unique design, it can ensure continuous operation and guaranteed dryness. This cooler dryer combination provides a pressure dew point of 5°C at 40°C ambient temperature.



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Product range



Model	FA-160MS	FB160-MS	HB-160MS	HB-304MS	PB-304MS	H2A-160MS	H2B-160MS	P2B-304MS	P2B-304MS	P4B-304MS
Article Number	5252-01	5252-51	4152-54	5452-51	4642-54	4252-01	4252-54	4682-52	4682-54	4852-54
Voltage (V)	230 (1~)	400 (3~)	400 (3~)	400 (3~)	400 (3~)	230 (1~)	400 (3~)	230 (3~)	400 (3~)	400 (3~)
Frequency (Hz)	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60	50 / 60
Electric Power (kW)	1.3 / 1.6	1.4 / 1.42	1.4 / 1.42	2.2 / 3.0	2.2 / 3.0	2.7 / 3.3	2.8 / 2.84	4.4 / 6.0	4.4 / 6.0	8.8 / 12.0
Current (A)	6.3 / 7.2	6.4 / 5.5	3.1 / 2.5	4.7 / 5	4.4 / 4.8	12.2 / 14.3	6.2 / 6.0	15.2 / 16.6	8.8 / 9.6	17.6 / 19.2
No. of cylinders	2	2	2	4	4	4	4	8	8	16
Output at 5 bar (l/m)	115 / 130	115 / 130	115 / 130	215 / 240	215 / 240	230 / 260	230 / 260	430 / 480	430 / 480	860 / 960
Tank Capacity (l)	20	20	50	50	90	50	50	90	90	90
Pressure range (bar)	6 – 7.8	6 – 7.8	6 – 7.8	6 – 7.8	6.5 – 8.5	6 – 7.8	6 – 8	6.5 – 8.5	6.5 – 8.5	6.5 – 8.5
Electronic Control	-	-	√	-	√	-	√	-	√	√
Noise level (dB(A))	66 / 69	66 / 69	68 / 70	70 / 75	70 / 73	69 / 74	69 / 74	74 / 77	74 / 77	78 / 80
Noise level with cabinet (dB(A))	55 / 61	55 / 61	54	54	-	-	-	-	-	-
Dimensions (H×W×D cm)	69 x 49 x 46	70 x 49 x 46	76 x 75 x 52	76 x 74 x 52	76 x 102 x 62	76 x 79 x 52	76 x 79 x 52	76 x 102 x 62	76 x 102 x 62	113 x 115 x 77
Weight (kg)	47	47	64	82	98	90	90	143	143	285





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Spares and Accessories



Model	FA-160MS	FB160-MS	HB-160MS	HB-304MS	PB-304MS	HZA-160MS	H2B-160MS	P2B-304MS	P2B-304MS	P4B-304MS
Article Number	5252-01	5252-51	4152-54	5452-51	4642-54	4252-01	4252-54	4682-52	4682-54	4852 - 54
Fine filter (0.3 μ) + Sinter filter + intake filter set Article Nr.	5250-980-60	5250-980-60	5250-980-60	5450-980-60	5450-980-60	5250-980-60 2 Sets	5250-980-60 2 Sets	5450-980-60 2 Sets	5450-980-60 2 Sets	5450-980-60 4 Sets
Fine filter (0.01 μ) + Sinter filter + intake filter set Article Nr.	5250-980-61	5250-980-61	5250-980-61	5450-980-61	5450-980-61	5250-980-61 2 Sets	5250-980-61 2 Sets	5450-980-61 2 Sets	5450-980-61 2 Sets	5450-980-61 4 Sets
Pressure Regulator	6040-992-00	6040-992-00	6040-992-00	6040-992-00	6040-992-00	6040-992-00	6040-992-00	6040-992-00	6040-992-00	4852100014
Noise reducing cabinet optional	4251-500-00	4251-500-00	4251-500-00	4251-500-00	-	-	-	-	-	-

Optional noise reducing cabinet
Dimensions (cm) - 86 x 85 x 57



Intake Filter



Fine Filter –
0.3 μ



Fine Filter –
0.01 μ



Sinter Filter



Any one to be used. Select as per air quality requirement – located on dryer head

Filters within MedLine stations – recommended to be changed annually



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Contact us for further information



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Dürr Technik is represented all over the world.
Please see detailed data with reference to your local contact partner on our website

DECLARATION

The MedLine range of compressed air stations are manufactured by our sister company, Dürr Dental AG and are certified Class IIa medical products. Dürr Technik is responsible for the sale, service and support of the MedLine range of products.