

DK50-10



Small-size, but powerful compressor with 10 l air tank. Performance up to 75 l.min⁻¹ and stable pressure up to 8 bar make it ideal for one* dental unit and other air-driven devices in a dental clinic.



DK50-10 Z - without noise reduction cabinet

DK50-10 Z/M - without noise reduction cabinet, with dryer

- With membrane dryer
- With adsorption dryer

DK50-10 S - with noise reduction cabinet

DK50-10 S/M - with noise reduction cabinet, with dryer

- With membrane dryer
- With adsorption dryer

Without dryer

	DK50-10 Z	DK50-10 S
Dryer	✗	✗
Noise reduction cabinet	✗	✓
Number of dental units	1	1
Nominal voltage / frequency	230 V / 50 (60) Hz 115 V / 60 Hz	230 V / 50 (60) Hz 115 V / 60 Hz
Motor performance	0.55 kW	0.55 kW
Air tank capacity	10 l	10 l
Compressor efficiency (working pressure 5 - 7 bar)	75 l.min ⁻¹ / 5 bar (50 Hz) 85 l.min ⁻¹ / 5 bar (60 Hz)	75 l.min ⁻¹ / 5 bar (50 Hz) 85 l.min ⁻¹ / 5 bar (60 Hz)
Compressor efficiency (working pressure 6 - 8 bar)	70 l.min ⁻¹ / 6 bar (50 Hz) 80 l.min ⁻¹ / 6 bar (60 Hz)	70 l.min ⁻¹ / 6 bar (50 Hz) 80 l.min ⁻¹ / 6 bar (60 Hz)
Compressor efficiency (working pressure 8 - 10 bar)	60 l.min ⁻¹ / 8 bar (50 Hz) 70 l.min ⁻¹ / 8 bar (60 Hz)	60 l.min ⁻¹ / 8 bar (50 Hz) 70 l.min ⁻¹ / 8 bar (60 Hz)



	DK50-10 Z	DK50-10 S
Duty cycle	S1 - 100 %	S1 - 100 %
Noise level	≤ 64 dB (A) (50 Hz) ≤ 66 dB (A) (60 Hz)	≤ 46 dB (A) (50 Hz) ≤ 49 dB (A) (60 Hz)
Weight	38 kg	53 kg
Dimensions	485 x 350 x 555 mm	580 x 440 x 655 mm



With membrane dryer

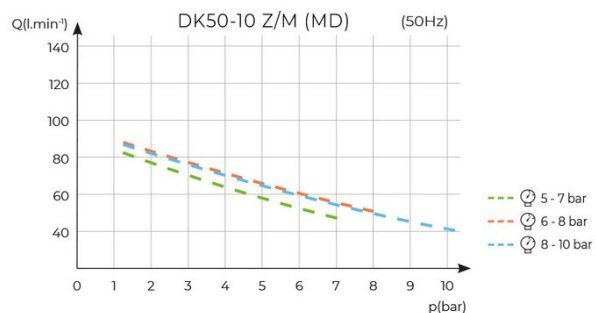
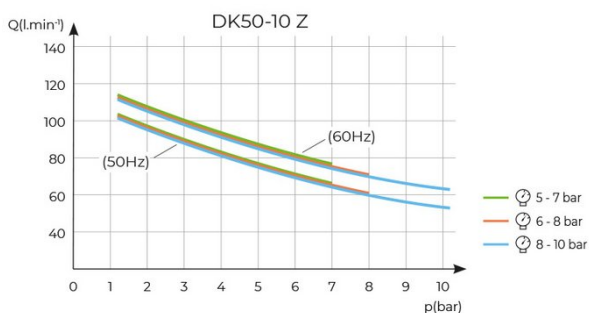
	DK50-10 Z/M	DK50-10 S/M
Dryer	✓(MD)	✓(MD)
Noise reduction cabinet	✗	✓
Number of dental units	1	1
Nominal voltage / frequency	230 V / 50 (60) Hz 115 V / 60 Hz	230 V / 50 (60) Hz 115 V / 60 Hz
Motor performance	0.55 kW	0.55 kW
Air tank capacity	10 l	10 l
Compressor efficiency (working pressure 5 - 7 bar)	58 l.min ⁻¹ / 5 bar (50 Hz) 68 l.min ⁻¹ / 5 bar (60 Hz)	58 l.min ⁻¹ / 5 bar (50 Hz) 68 l.min ⁻¹ / 5 bar (60 Hz)
Compressor efficiency (working pressure 6 - 8 bar)	60 l.min ⁻¹ / 6 bar (50 Hz) 70 l.min ⁻¹ / 6 bar (60 Hz)	60 l.min ⁻¹ / 6 bar (50 Hz) 70 l.min ⁻¹ / 6 bar (60 Hz)
Compressor efficiency (working pressure 8 - 10 bar)	50 l.min ⁻¹ / 8 bar (50 Hz) 60 l.min ⁻¹ / 8 bar (60 Hz)	50 l.min ⁻¹ / 8 bar (50 Hz) 60 l.min ⁻¹ / 8 bar (60 Hz)
Duty cycle	S1 - 100 %	S1 - 100 %
Degree of air drying (pressure dew point PDP)	+3 °C at 7 bar +3 °C at 9 bar	+3 °C at 7 bar +3 °C at 9 bar
Noise level	≤ 65 dB (A) (50 Hz) ≤ 67 dB (A) (60 Hz)	≤ 49 dB (A) (50 Hz) ≤ 52 dB (A) (60 Hz)
Weight	44 kg	61 kg
Dimensions	545 x 350 x 555 mm	650 x 440 x 655 mm

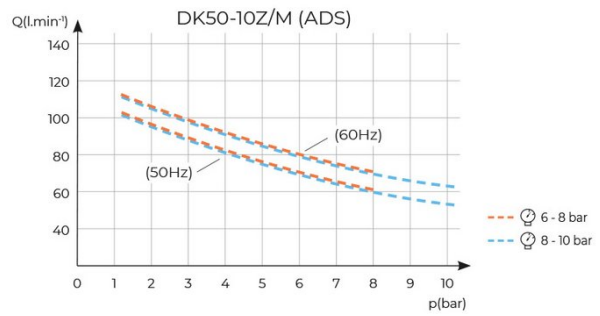
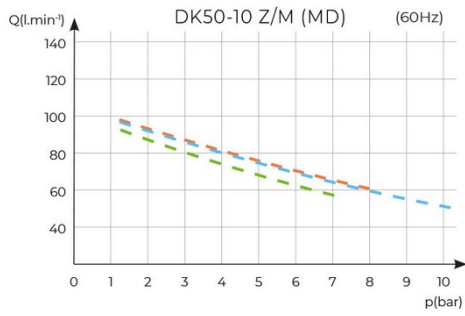
With adsorption dryer

	DK50-10 Z/M	DK50-10 S/M
Dryer	✓(ADS)	✓(ADS)
Noise reduction cabinet	✗	✓
Nominal voltage / frequency	230 V / 50 (60) Hz	230 V / 50 (60) Hz
Motor performance	0.55 kW	0.55 kW
Air tank capacity	10 l	10 l
Compressor efficiency (working pressure 6 - 8 bar)	70 l.min ⁻¹ / 6 bar (50 Hz) 80 l.min ⁻¹ / 6 bar (60 Hz)	70 l.min ⁻¹ / 6 bar (50 Hz) 80 l.min ⁻¹ / 6 bar (60 Hz)
Duty cycle	S3 - 70 %	S3 - 70 %
Degree of air drying (pressure dew point PDP)	-20 °C at 7 bar -20 °C at 9 bar	-20 °C at 7 bar -20 °C at 9 bar
Noise level	≤ 64 dB (A) (50 Hz) ≤ 67 dB (A) (60 Hz)	≤ 51 dB (A) (50 Hz) ≤ 53 dB (A) (60 Hz)
Weight	45 kg	62 kg
Dimensions	350 x 555 x 555 mm	440 x 650 x 655 mm
Performance on a large cannula coupling		e
Amalgam separator		a
Separator type		b
Max allowed water flow		c
Amalgam separation efficiency		d

- Data on weight and dimension are for informational purposes only
- Technical modifications are subject to change

Diagrams





Photogallery

