



Compresor de aire dental

Código: B2-01-012169

Marca: Belltronic

[Ver producto en Cotecno](#) | [Solicitar cotización](#)

[Detalle](#) | [Especificaciones](#) | [Aplicaciones](#)

Detalle

As the core device in dental diagnosis and treatment, the dental electric air compressor drives the compressor via an electric motor to generate high-pressure gas. It delivers stable, dry, and oil-free compressed air for dental chairs, ultrasonic scalers, air polishers, and other dental equipment, providing reliable support for routine treatments, surgical procedures, and instrument cleaning/disinfection.

Features

1. Premium Imported Components: Adopts imported leather cups and valve plates, ensuring long-term stable operation and reduced maintenance frequency.
2. High-Quality Core Configuration: Features pure copper air outlets for corrosion resistance and airtightness, paired with a high-performance motor for strong power output and low energy consumption.
3. Intelligent Pressure Management: Equipped with precise pressure control technology and automatic start-stop function, maintaining constant pressure and avoiding energy waste.
4. Customizable Expansion Options: Supports configuration upgrades based on customer needs, including soundproof enclosures, high-efficiency air drying systems, and multi-stage air filtration systems.

Especificaciones técnicas

Especificación	100L/min - 1 unidad	150L/min - 2 unidades	200L/min - 3 unidades	300L/min - 4 unidades
Cantidad de sillones dentales	1 unidad	2 unidades	3 unidades	4 unidades
Caudal máximo de aire	100L/min	150L/min	200L/min	300L/min
Capacidad del tanque de aire	24L	38L	60L	60L
Rango de ajuste de presión	0.55~0.8MPa	0.55~0.8MPa	0.55~0.8MPa	0.55~0.8MPa
Salida de aire	Φ8	Φ8	Φ8	Φ8
Potencia consumida	550W	750W	550W*2	750W*2
Alimentación eléctrica	AC220V, 50Hz(Estándar); AC110V/220V, 60Hz(Opcional)	AC220V, 50Hz(Estándar); AC110V/220V, 60Hz(Opcional)	AC220V, 50Hz(Estándar); AC110V/220V, 60Hz(Opcional)	AC220V, 50Hz(Estándar); AC110V/220V, 60Hz(Opcional)
Dimensiones externas (An×Pr×Al) mm	390*390*540	400*400*640	750*350*680	750*350*720
Peso neto (kg)	22	25	44	45
Dimensiones de embalaje (An×Pr×Al) mm	440*440*640	450*450*700	780*400*700	780*400*700
Peso bruto (kg)	25.5	29	60	61

Aplicaciones

1. Size the air demand

Add up the dental equipment you will use at the same time and compare its demand with the maximum air output.

- **Maximum Air Output:** 100L/min
 - **Maximum Air Output:** 100L/min
- **Maximum Air Output:** 150L/min
 - **Maximum Air Output:** 150L/min
- **Maximum Air Output:** 200L/min
 - **Maximum Air Output:** 200L/min
- **Maximum Air Output:** 300L/min
 - **Maximum Air Output:** 300L/min

Review the tank capacity for continuous use in your practice.

- **Maximum Air Output:** 100L/min
 - **Air Tank Capacity:** 24L
- **Maximum Air Output:** 150L/min
 - **Air Tank Capacity:** 38L
- **Maximum Air Output:** 200L/min
 - **Air Tank Capacity:** 60L
- **Maximum Air Output:** 300L/min
 - **Air Tank Capacity:** 60L

2. Check the pressure and the connection

Confirm that the pressure range is the one your dental equipment asks for.

- **Maximum Air Output:** 100L/min
 - **Pressure Adjustment Range:** 0.55~0.8MPa
- **Maximum Air Output:** 150L/min
 - **Pressure Adjustment Range:** 0.55~0.8MPa
- **Maximum Air Output:** 200L/min
 - **Pressure Adjustment Range:** 0.55~0.8MPa
- **Maximum Air Output:** 300L/min
 - **Pressure Adjustment Range:** 0.55~0.8MPa

Check that the air outlet matches the connection of your installation.

- **Maximum Air Output:** 100L/min
 - **Air Outlet:** $\Phi 8$
- **Maximum Air Output:** 150L/min
 - **Air Outlet:** $\Phi 8$
- **Maximum Air Output:** 200L/min
 - **Air Outlet:** $\Phi 8$
- **Maximum Air Output:** 300L/min
 - **Air Outlet:** $\Phi 8$

3. Plan the installation

Consider the electrical supply available and the space for the unit according to its external dimensions.

- **Maximum Air Output:** 100L/min
 - **Power Supply:** AC220V, 50Hz(Standard); AC110V/220V, 60Hz(Optional)
 - **External Size(W*D*H)mm:** 390*390*540
- **Maximum Air Output:** 150L/min
 - **Power Supply:** AC220V, 50Hz(Standard); AC110V/220V, 60Hz(Optional)
 - **External Size(W*D*H)mm:** 400*400*640
- **Maximum Air Output:** 200L/min
 - **Power Supply:** AC220V, 50Hz(Standard); AC110V/220V, 60Hz(Optional)
 - **External Size(W*D*H)mm:** 750*350*680
- **Maximum Air Output:** 300L/min
 - **Power Supply:** AC220V, 50Hz(Standard); AC110V/220V, 60Hz(Optional)
 - **External Size(W*D*H)mm:** 750*350*720

Siguiente paso: [ver producto en Cotecno](#) | [solicitar cotización](#)