



# DENTAL AIR COMPRESSORS

Quiet • Reliable • Clinic-Ready Solutions

## LF-S2A

35L Tank • 800W

Supports 2 Dental Chairs

Noise: 63 dBA

Air Flow: 60 L/min

**Ideal for Small Clinics**

## LF-S4A

60L Tank • 1600W

Supports 4 Dental Chairs

Noise: 68 dBA

Air Flow: 205 L/min

**Ideal for Multi-Chair Clinics**

Engineered for modern dental practices. Oil-free, low-noise compressors delivering clean, dry air for consistent handpiece and equipment performance.

**Dentsma Medical Equipment**

Website: <https://www.dentsma.com/product-category/equipment/>

Email: [dentsma@163.com](mailto:dentsma@163.com)

# LF-S2A — 35L Oil-Free Dental Air Compressor

Quiet Performance for Two-Chair Clinics • 800W



Front view with pressure gauges & filter



Rear / motor assembly view • 800W • 35L

## Clinical Advantages

- Oil-free design delivers clean, contamination-free air — essential for handpieces, scalers and patient safety in everyday dental procedures.
- Ultra-quiet operation at only 63 dBA keeps the operatory calm and comfortable for both clinician and patient, even during continuous use.
- Compact 35 L tank and 800 W motor provide reliable air supply for up to two dental chairs, ideal for private practices and satellite clinics.
- Automatic water drain option reduces maintenance and protects downstream equipment from moisture.
- Robust construction with easy-roll casters for flexible placement in the treatment area or plant room.

## Technical Specifications

| Parameter          | Value                        |
|--------------------|------------------------------|
| Model              | LF-S2 / LF-S2A               |
| Tank Capacity      | 35 L                         |
| Power              | 800 W                        |
| Air Flow           | 60 L/min                     |
| Noise Level        | 63 dBA                       |
| Air Supply Speed   | 1390 r/min                   |
| Net / Gross Weight | 30 kg / 30 kg                |
| Dimensions (L×W×H) | 400 × 400 × 630 mm           |
| Supported Units    | 2 dental chairs              |
| Key Feature        | Automatic water valve option |

### Why Dentists Choose LF-S2A

- Clean oil-free air
- Low noise for open clinics
- Compact footprint
- Ready for 2 chairs
- Easy mobility
- Minimal maintenance

# LF-S4A — 60L Oil-Free Dental Air Compressor

High-Capacity Power for Multi-Chair Practices



Standard configuration with dual motors



LCD control panel version

## Clinical Advantages & Design Highlights

- Dual-motor system with independent control delivers high air flow (205 L/min) for simultaneous use of up to four dental units — perfect for busy multi-operator clinics and group practices.
- Simple 3-button control: red power button + two blue buttons for individual motor management.
- Auto / Manual mode switch: automatic mode optimizes both motors for energy efficiency; manual mode lets you run one or both motors according to current demand, reducing power consumption during lighter loads.
- LCD panel with real-time voltage display protects motors and electronics from damage caused by low or unstable power supply — a critical safeguard in regions with variable electrical quality.
- 60 L tank capacity ensures stable pressure and fewer start-stop cycles, extending motor life and maintaining consistent performance throughout the clinical day.

## Technical Specifications

| Parameter          | Value              |
|--------------------|--------------------|
| Model              | LF-S4 / LF-S4A     |
| Tank Capacity      | 60 L               |
| Power              | 1600 W             |
| Air Flow           | 205 L/min          |
| Noise Level        | 68 dBA             |
| Net / Gross Weight | 70 kg / 55 kg      |
| Dimensions (L×W×H) | 820 × 330 × 630 mm |
| Supported Units    | 4 dental chairs    |

### Smart Control Features

#### 3-Button Interface

- Red: Power On/Off
- Blue ×2: Independent motors

#### Auto / Manual Mode

- Auto: efficient dual-motor
- Manual: selective control

#### LCD Voltage Display

- Real-time monitoring
- Protects against power fluctuations

## Economical Air Compressor Options

Cost-Effective Solutions for Everyday Clinical Needs



### LF-S2

**350W • 35L Tank • 1 Motor**

Economical single-motor design reliably drives one dental chair.

Ideal for solo practitioners and compact treatment rooms.

#### Key Points

- 350 W power
- 35 L tank capacity
- Single motor
- Supports 1 dental chair



### LF-S4

**1600W • 60L Tank • 2 Motors**

Economical dual-motor system drives four dental chairs at once.

Perfect for multi-operator clinics seeking reliable capacity.

#### Key Points

- 1600 W power
- 60 L tank capacity
- Dual motors
- Supports 4 dental chairs

*Both models feature oil-free design, copper-wire motors, and anti-corrosion tank coating.*

Contact us for customized solutions supporting 12–40 dental chairs.