

# Elevate Your Dental Practice with the DDL500 RO Unit



## Ensure Compliance and Excellence in Dental Water Quality

The DDL500 Reverse Osmosis (RO) Unit is meticulously engineered to meet the stringent water quality standards mandated for dental practices. By delivering superior water purity, the DDL500 not only enhances patient safety but also ensures your practice adheres to the latest regulatory requirements.

## Why the DDL500 RO Unit is Essential for Your Dental Practice

### 1. Unmatched Water Purity

- **Exceeds HTM 01-05 Standards:** The Health Technical Memorandum 01-05 specifies that water used in dental unit waterlines (DUWLs) must comply with drinking water standards, with bacterial levels not exceeding 100 to 200 colony-forming units (CFU) per milliliter. The G500 RO Unit effectively reduces impurities, ensuring compliance with these stringent standards.
- **Protection Against Contaminants:** Effectively removes dissolved solids, chlorine, and other contaminants, safeguarding both patients and equipment.

### 2. Compact and Efficient Design

- **Space-Saving Footprint:** Designed to integrate seamlessly into any dental practice setting, optimizing space without compromising functionality.
- **User-Friendly Operation:** Simplifies daily operations with intuitive controls and easy maintenance protocols.

### 3. Reliable Performance

- **High Output Capacity:** Produces up to 1500 liters of purified water per day, catering to practices of all sizes. If greater volumes of pure water are required an RO storage tank can be supplied by Global Water Solutions.
- **Consistent Quality:** Ensures a steady supply of high-quality water, crucial for procedures like autoclave sterilization and instrument cleaning.



#### 4. Cost-Effective Solution

- **Energy Efficiency:** Operates with minimal energy consumption, reducing operational costs.
- **Extended Filter Lifespan:** Durable filters decrease the frequency of replacements, leading to long-term savings.

### Key Features of the DDL500 RO Unit

- **Advanced Filtration System:** Multi-stage filtration process guarantees optimal water purity.
- **Durable Construction:** Built with high-quality materials to withstand the demands of a busy dental practice.
- **Easy Installation:** Designed for straightforward setup, minimizing downtime during integration.



### Enhance Compliance and Patient Safety

Utilizing the DDL500 RO Unit aligns your practice with the best practices outlined in HTM 01-05, ensuring that water used in DUWLs meets the required standards. This compliance is vital in preventing the proliferation of harmful bacteria such as Legionella, thereby protecting both patients and staff.

### Testimonials from Dental Professionals

"Implementing the DDL500 RO Unit has significantly improved our infection control processes, ensuring we meet all regulatory standards effortlessly."  
– Dr. Emily Roberts, BDS



"The reliability and efficiency of the DDL500 have made it an indispensable part of our daily operations."  
– Dr. Michael Thompson, DDS

### Invest in the Future of Your Practice

Upgrade to the DDL500 RO Unit and experience unparalleled water quality that supports compliance, enhances patient safety, and optimizes operational efficiency.

### Contact Us Today:



[sales@dentaldecontamination.co.uk](mailto:sales@dentaldecontamination.co.uk)



+44 1253 736 355



[www.dentaldecontamination.co.uk](http://www.dentaldecontamination.co.uk)

**Ensure your dental practice meets the highest standards with the DDL500 RO Unit. Experience the difference in quality and compliance today!**

