Lubrina 2

Thinking ahead. Focused on life.
Lubrina 2 automatically performs maintenance and lubrication of handpieces which are essential for daily practice. Because the lubrication amount and service time suitable for each handpiece are programmed into Lubrina 2, it can automatically perform maintenance of up to four handpieces in a short time. The clean air-blow system facilitates lubrication and purging of the inside of the handpiece thoroughly, providing consistent, quality maintenance that doesn’t rely on the experience of staff during manual lubrication. Lubrina 2 accepts multiple brands of spray lubricant.
Approximately 20 seconds per turbine
Oil usage amount is reduced to 1/4
Faster maintenance with excellent cost savings

Since the air-blow system can remove residual water completely using clean air, the efficiency of lubrication is enhanced with oil usage of only 1/4 of that compared to manual lubrication. Daily maintenance cost is therefore reduced. In addition, the system effectively removes surplus oil, providing thorough maintenance in mere seconds.*1

Greatly shortens the maintenance process

Cleaning  Disinfection  Lubrina 2  Sterilization

Chuck maintenance  Lubrication/cleaning  Idle running with unit

Maintenance of one turbine in approximately 20 seconds

Lubrina 2
Approx. 20 seconds*2

Conventional product
Approx. 120 seconds*1

Example: One turbine and contra angle by MORITA and one turbine and contra angle by another manufacturer.

Handpiece and spray compatibility

By replacing the coupling, Lubrina 2 facilitates the maintenance of Tri Auto ZX2 and Root ZX II contra-angles, air driven handpieces (ISO 9168/Type 3 joint) as well as all contra-angles and straight handpieces (ISO 3964/E-Type joint). Lubrina 2 is compatible with 4-hole, 5-hole, and 6-pin connections. With its dual lubrication system, one or two different brands of spray may be used in the same cycle. Several brands of spray are compatible by using an optional spray can stand adapter.

*1 Comparison with the long mode of our previous Lubrina
*2 Approximately 40 seconds for contra-angle attachments
Clean Air-Blow System
Unique double-conduit design

The Clean Air-Blow system allows the unit to operate with a separation of air and oil, unlike conventional units. By employing dual solenoid valves and a clean air dedicated conduit, the system can supply clean air without a mix of oil. During the water removal process before lubrication, the system removes the water in the head maximizing lubrication results. During idling after lubrication, the surplus oil is effectively removed by clean air.

Lubrina 2 (Clean Air-Blow System)

Conventional product*

* Original Lubrina Handpiece Maintenance System
Water removal during autoclaving

If autoclave is performed while a large amount of water is left in the conduit of the handpiece, steam will not infiltrate and could cause a sterilization defect. To prevent this, clean air (without a mix of oil) is fed into the water feed chip air conduit to remove the residual water, thereby reducing the possibility of a problem during autoclaving.

Surplus oil removal reduces idling time before practice

During handpiece rotation, clean air removes the surplus oil which causes blow-out, and thus reduces the idling time necessary before use.

Easy chuck maintenance

For the turbine and 5x speed contra-angle handpiece, it is essential to lubricate and clean the chuck which holds the bur. The built-in one-touch chuck maintenance mechanism allows for easy maintenance.

Reduced operating sound

Lubrina 2 offers a noise reduction of 15dB during operation compared to the original model.

Easy maintenance

The control panel is flat and the front door can be removed for easy access and cleaning.

Reduces scattering of oil mist

The built-in oil mist suction mechanism draws in the oil mist generated during maintenance, thereby preventing the mist from scattering to nearby surfaces and devices. In addition, since the oil mist is collected into the oil gathering tray, maintenance of the equipment is easy.
Features
Compatible with multiple brands

Oil spray can delivery system
Low viscosity oil mist penetrates into the inside of the handpiece head and delivers effective lubrication.

MORITA Multi Spray (sold separately)
This dedicated oil offers excellent lubrication properties and enhances the performance of TwinPower Turbine and TorqTech.

Spray Lubricant Compatibility
In addition to MORITA’s Multi Spray, Lubrina 2 is also compatible with other brands of lubricant including: KaVo® Spray*, NSK® PANA SPRAY Plus*, YOSHIDA Spray, W&H® SERVICE Oil F1*, Sirona® T1 Spray* and Bien-Air® LUBRIFLUID Spray*.

Coupling Options

<table>
<thead>
<tr>
<th>Coupling</th>
<th>Target device</th>
<th>Coupling</th>
<th>Target device</th>
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<tbody>
<tr>
<td>KaVo® Coupling</td>
<td>KaVo® MULTIflex, KaVo® MULTIflex LUX*</td>
<td>4H Coupling</td>
<td>TwinPower Turbine 4H</td>
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<tr>
<td>Code No.: 24-7376723</td>
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<td>Code No.: 24-7376715</td>
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<tr>
<td>WH® Coupling</td>
<td>W&amp;H® Roto Quick*</td>
<td>Sirona® Coupling</td>
<td>Sirona® R/F*</td>
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<tr>
<td>Code No.: 24-7376758</td>
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<td>Code No.: 24-7376731</td>
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<tr>
<td>RZXII/TR-ZX2 Coupling</td>
<td>Root ZX II and Tri Auto ZX2</td>
<td>LS Coupling</td>
<td>Handpieces, TorqTech and devices with a connection type that comply with ISO3964 (JIS T6904)</td>
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<td>Code No.: 24-7376774</td>
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<tr>
<td>Tri Auto ZX Coupling</td>
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<td>Code No.: 24-7373325</td>
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Specifications

Brand name: Lubrina 2
Model: HIM-2
Power voltage: AC 100V-240V 50-60Hz
Power consumption: 10-25 VA
Maximum input air pressure: 0.7 MPa max.
Air pressure used: 0.3-0.5 MPa (recommended 0.4 MPa)
Consumed air flow rate: 60-100 NL / min (0.3-0.5 MPa)
Weight: Approx. 17.5 lbs. (8 kg)
Dimensions (W x D x H): Approx. 12” x 12” x 14” (300 mm × 300 mm × 365 mm)
Manufactured by: J. MORITA MFG. CORP.

Features:
• Clean Air-blow System (Dual solenoid valves)
• Mode 1 (for turbines)
• Mode 2 (for contra-angle attachments)
• Flushing mode
• Air-blow mode
• Compatible with handpieces manufactured by various companies
• Spray can system
• Dual spray system
• Residual water removal mechanism
• Oil mist suction mechanism
• Chuck maintenance mechanism

Ordering Information:
Lubrina 2 Maintenance System: 24-K325ENG
System includes: Oil Absorbent Pad (1), Oil Absorbent Sheet (1), MORITA Spray Can Stands (2), Power Cord (1), Air Tube (1), Door Oil Absorbent Sheet (1), Front Door Sheet Stopper (1)

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Part Number</th>
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<tr>
<td>Oil Absorbent Pad (5)</td>
<td>24-7373465</td>
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<tr>
<td>Oil Absorbent Sheet (5)</td>
<td>24-7376847</td>
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<td>Power Cord</td>
<td>24-7376962</td>
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<td>Air Tube</td>
<td>24-7893787</td>
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<tr>
<td>Door Oil Absorbent Sheet (5)</td>
<td>24-7376839</td>
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<tr>
<td>Front Door Sheet Stopper</td>
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<table>
<thead>
<tr>
<th>Couplers</th>
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<tr>
<td>LS Coupling (TorqTech series)</td>
<td>24-737674</td>
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<tr>
<td>MORITA TwinPower 4H Coupling</td>
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<tr>
<td>KaVo® Coupling (MULTiflex / MULTiflex LUX)</td>
<td>24-7376723</td>
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<tr>
<td>W&amp;H® Roto Quick Coupling</td>
<td>24-7376758</td>
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<tr>
<td>Sirona® R/F Coupling</td>
<td>24-7376731</td>
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<tr>
<td>RZXi / TRZx2 Coupling (Root Zx II &amp; Tri Auto Zx2)</td>
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<tr>
<td>Tri Auto ZX Coupling</td>
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<thead>
<tr>
<th>Lubricant Sprays</th>
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<tr>
<td>Multi Spray (420ml)</td>
<td>24-5010201</td>
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<table>
<thead>
<tr>
<th>Spray Can Stands</th>
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<tr>
<td>Standard (MORITA Multi Spray 420 ml)</td>
<td>24-7376952</td>
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<tr>
<td>KaVo® Spray® (500 ml), NSK® Pana Spray Plus® (480 ml), YOSHIDA Spray® (Note: For use with Pana Spray, flip stand.)</td>
<td>24-7373392</td>
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<tr>
<td>Bien-Air® LUBRIFLUID Spray® (500 ml)</td>
<td>24-7373694</td>
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<tr>
<td>W&amp;H® Service Oil F1 Spray® (400 ml)</td>
<td>24-7373651</td>
</tr>
<tr>
<td>Sirona® T1 Spray® (250 ml)</td>
<td>24-7373422</td>
</tr>
</tbody>
</table>

* The company names and product names are trademarks or registered trademarks of each company.
Diagnostic and Imaging Equipment
Treatment Units
Handpieces and Instruments
Endodontic System
Laser Equipment
Laboratory Devices
Educational and Training Systems
Auxiliaries

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