Lubrina 2
Lubrina 2 automatically performs maintenance (lubrication and cleaning) 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 implements lubrication and cleaning of the inside of the handpiece thoroughly, and provides stable maintenance without variations by staff which can occur during manual lubrication. Lubrina 2 accepts multiple brands of spray lubricant.

Seamless Auto-Maintenance
Fast and clean operation, plus compatibility with multiple brands of spray lubricant
Cleans one turbine in approximately 20 seconds
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 only 1/4 of that compared to manual lubrication. Daily maintenance cost is therefore reduced. In addition, the system can remove surplus oil effectively, allowing maintenance in a short time*1.

Greatly shortens the maintenance process

Maintenance of one turbine in approximately 20 seconds

<table>
<thead>
<tr>
<th>Lubrina 2</th>
<th>Approx. 20 seconds*2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional product</td>
<td>Approx. 120 seconds*1</td>
</tr>
</tbody>
</table>

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 DentaPort 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 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 holder adapter.

*1 Comparison with the long mode of our previous Lubrina
*2 Approximately 40 seconds for contra-angle handpiece
Clean Air-Blow System

Double-conduit design achieves clean air

The double-conduit design allows the clean air-blow system to achieve clean air. By employing the dual solenoid valves and 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 which maximizes lubrication results. During idling after lubrication, the surplus oil can be effectively removed by clean air.
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 bar. 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 for easy cleaning, and the front door can also be removed for improved access.

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 oil mist is collected into the oil gathering tray, maintenance of the equipment is also easy.
**Features**

Compatible with multiple brands

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**Oil spray can delivery system**

The low viscosity oil mist penetrates into the inside of the handpiece head and delivers intense cleaning.

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**Morita Multi Spray** (sold separately)

This dedicated oil offers excellent lubrication properties and enhances the performance of TwinPower Turbine and TorqTech.

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**Optional Items**

<table>
<thead>
<tr>
<th>Coupling</th>
<th>Target device</th>
</tr>
</thead>
<tbody>
<tr>
<td>4H Coupling</td>
<td>TwinPower Turbine 4H</td>
</tr>
<tr>
<td>Order no.: 2596-110</td>
<td>KaVo Coupling. Order no.: 2596-150</td>
</tr>
<tr>
<td></td>
<td>KaVo MULTIflex, KaVo MULTIflex LUX</td>
</tr>
<tr>
<td>Sirona Coupling</td>
<td>Sirona R/F</td>
</tr>
<tr>
<td>Order no.: 2596-160</td>
<td>W&amp;H Coupling. Order no.: 2596-170</td>
</tr>
<tr>
<td></td>
<td>W&amp;H Roto Quick</td>
</tr>
<tr>
<td>LS Coupling</td>
<td>Handpieces, TorqTech and devices with a connection type that comply with ISO3964 (JIS T5904)</td>
</tr>
<tr>
<td>Order no.: 2596-100</td>
<td>TR ZX2/DP Coupling. Order no.: 2596-180</td>
</tr>
<tr>
<td></td>
<td>Tri Auto ZX, TriAuto mini, DentaPort ZX</td>
</tr>
<tr>
<td>TriAuto ZX Coupling</td>
<td>TriAuto ZX</td>
</tr>
<tr>
<td>Order no.: 2595-130</td>
<td></td>
</tr>
</tbody>
</table>

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**Spray Holder**

<table>
<thead>
<tr>
<th>Spray Holder (standard)</th>
<th>Conforming Spray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray Holder (standard)</td>
<td>Morita Multi Spray (LS Spray, AR Spray)</td>
</tr>
<tr>
<td>Spray Holder (KaVo/NSK for Pana/Yoshida)</td>
<td>KaVo Spray, NSK PANASPRAY Plus, YOSHIDA Spray</td>
</tr>
<tr>
<td>Spray Holder (for W&amp;H)</td>
<td>W&amp;H SERVICE Oil F1</td>
</tr>
<tr>
<td>Spray Holder (for Sirona)</td>
<td>Sirona T1 Spray</td>
</tr>
</tbody>
</table>

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*The company names and product names are trademarks or registered trademarks of each company.*
Specifications

**Brand name:** Lubrina 2  
**Model:** HIM-2  
**Order no.:** 2596  
**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. 8 kg  
**External dimensions:** W300×D300×H365mm  
**Manufactured and sold by:** J. MORITA MFG. CORP.

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

**Accessories**
- Oil absorption pad  
- Oil absorption sheet  
- Oil absorption sheet for front door  
- Sheet stopper for door  
- Power supply cord  
- Air tube  
- Spray Holders (standard) x 2  
  (for Morita Multi Spray)  

* Lubrina 2 is not provided with couplings.

**Dimensional outline drawing / Installation clearances (mm)**

Industrial Design: f/p design gmbh
Diagnostic and Imaging Equipment
Treatment Units
Handpieces and Instruments
Endodontic System
Laser Equipment
Laboratory Devices
Educational and Training Systems
Auxiliaries

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Subject to technical changes and errors.