

Available as
BASIC &
ADVANCED



dosing device ReadyLube: Dose!

Compact dosing unit for contact-based greasing and oiling of components in production and assembly processes.

RLD

Highlights/ Benefit

- Precise component lubrication:
Operator-independent and reproducible
- Cost-efficient: Economical even for
small-series production
- Fast commissioning: Reduced setup times
for a swift production start
- Resource-efficient: Optimized dosing
minimizes media consumption
- Advanced process control: Optional
integrated monitoring and control interfaces

Precise component lubrication – independent of the operator and reproducible. Plug. Press. Apply!

For consistent quality in greasing and oiling processes in production and assembly.

ReadyLube: Dose! is a standardized dosing unit for component-specific, contact-based lubricant application in industrial production processes. Lubrication is precise and reproducible – independent of the operator. This ensures consistent product quality, process reliability, and efficiency. Thanks to its compact design and autonomous operation, the unit can be seamlessly integrated into existing production lines and assembly stations. Once the media supply and compressed air are connected, ReadyLube: Dose! is immediately ready for operation.

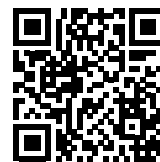
A dedicated application head is designed for each component, ensuring precise lubricant delivery to the desired location via specialized lubrication channels. To apply the lubricant, the component is simply placed onto the application head or application mandrel, automatically triggering the dosing process. Within milliseconds, the lubricant is either selectively dispensed through bore openings at defined points or guided through a narrow gap geometry between the application head and the component using a forced gap, ensuring controlled distribution within the contact surfaces. The lubricant quantity can be individually adjusted. After dosing, the component is removed from the application head by lifting it off and can be processed immediately.

ReadyLube: Dose! is suitable for lubricating functional external surfaces of components, such as gears and joints, seals and O-rings, as well as hard-to-reach areas, including bores and bearing bushes, internal joints and threaded sections, or lubrication channels in assemblies. If required, the lubricant can be applied to both internal and external areas simultaneously.

Thanks to easily exchangeable application heads, the ReadyLube: Dose! dosing unit can be flexibly adapted for different component series. This makes it particularly cost-effective for small-series production and variable manufacturing processes.

In addition to the BASIC version, ReadyLube: Dose! is also available in the ADVANCED version, which features an optical status display for process monitoring as well as extended control options and interfaces for integration into higher-level control systems and step-sequence-controlled production lines.

Follow the
QR-Code for
additional
product info



Technical Data

Inlet pressure
20 to max. 200 [bar]

Suitable media
Greases and oils

Media connection
12 [L]

Air connection
6 [mm]

Pneumatic pressure
4 to 8 [bar]

Dimensions (L x W x H)
326 x 185 x 156 [mm]

Dosing quantity
0,001 to 6 [cm³]

- 1) 0,001 - 0,02
- 2) 0,01 - 0,2
- 3) 0,1 - 2
- 4) 1 - 6

Additional ADVANCED Features

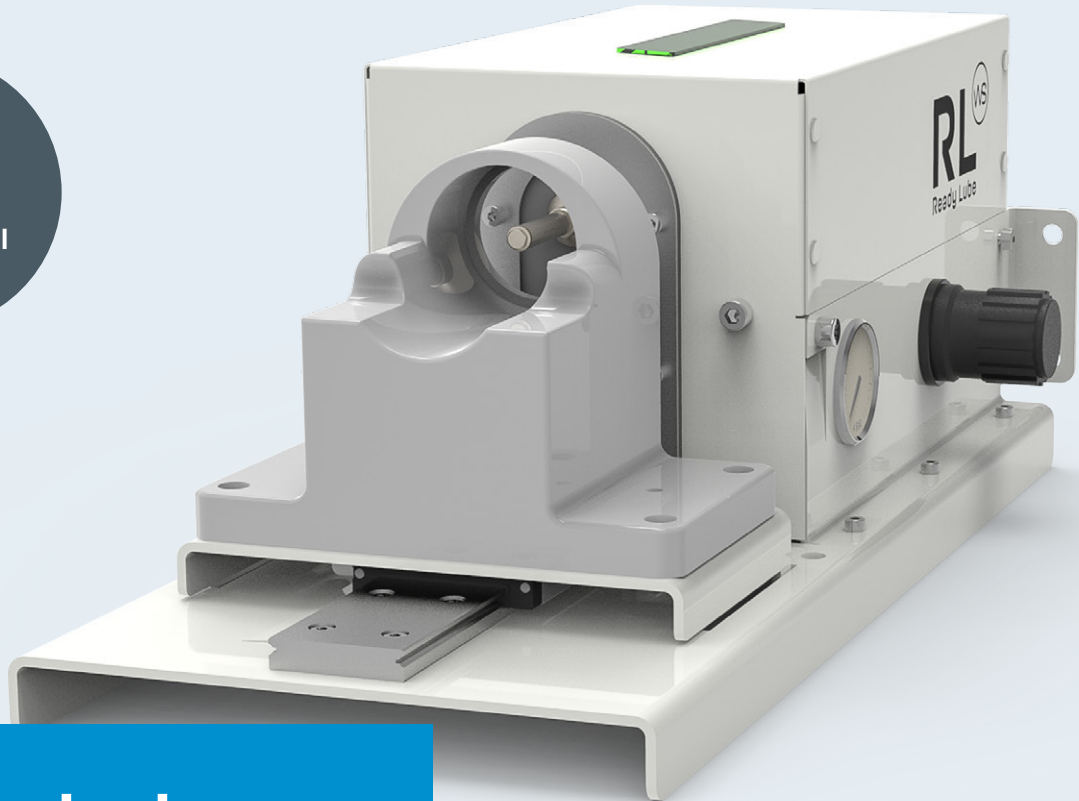
Integrated process monitoring
with an optical display for readiness and OK/NOK notifications

Schnittstellen
3 digital outputs [24 VDC]
1 digital input [24 VDC]

Triggering via external
start signal possible

Available as

Basic
Advanced
Professional



dosing device **ReadyLube: Spray!**

Compact dosing unit for
contactless greasing and oiling
of components in production
and assembly processes.

RLS

Highlights/ Benefit

- Precise component lubrication:
Operator-independent and reproducible
- Cost-efficient: Economical even for
small-series production
- Fast commissioning: Reduced setup times
for a swift production start
- Resource-efficient: Optimized dosing
minimizes media consumption
- Advanced process control: Optional
integrated monitoring and control interfaces

Precise component lubrication, clean application – independent of the operator and reproducible.

For consistent quality in greasing and oiling
processes in production and assembly.

ReadyLube: Spray! is a standardized dosing unit for component-specific, contactless lubricant application in industrial production processes. Lubrication is precise and reproducible – independent of the operator. This ensures consistent product quality, process reliability, and efficiency. Thanks to its compact design and autonomous operation, the unit can be seamlessly integrated into existing production lines and assembly stations. Once the media supply and compressed air are connected, ReadyLube: Spray! is immediately ready for operation.

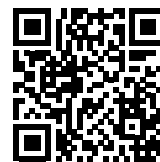
The component is precisely positioned in a dedicated holder relative to the spray nozzle or nozzle extension. A linear guide moves it to the defined application position. Once this position is reached, a contact sensor automatically triggers the spraying process. The lubricant is applied within milliseconds. The combination of an individually adjustable spray duration and the linear motion of the component on the slide enables both point and line-based lubricant application. After dosing, the component is removed from the holder and can be processed immediately.

ReadyLube: Spray! incorporates nozzle extensions as an integral system component to ensure targeted lubricant application, making it particularly suitable for delicate or complex-shaped components. Different nozzle extensions enable various application methods, such as lubricating hard-to-reach areas, radial internal wetting of bores or hollow bodies, as well as segmented or full-surface lubricant application. They also ensure precise lubricant distribution, reduce material consumption, and minimize unwanted mist formation.

Thanks to easily interchangeable component holders, replaceable nozzle extensions, and adjustable application parameters, ReadyLube: Spray! offers flexible use across different component series. This makes the dosing unit particularly cost-effective for small-series production and adaptable to variable manufacturing processes.

Even the BASIC version enables integration into higher-level control systems and sequence-controlled production lines through extended control options and interfaces. The ADVANCED and PROFESSIONAL versions expand the functionality with media temperature control and process pressure monitoring and evaluation.

Follow the
QR-Code for
additional
product info



Technical Data

Inlet pressure
max. 50 [bar]

Suitable media
Greases and oils

Media connection
10 [L]

Air connection
6 [mm]

Pneumatic pressure
4 to 10 [bar]

Dimensions (L x W x H)
465 x 200 x 180 [mm]

Integrated process control with
visual indication for readiness
and OK/NOK notifications

Nozzle extension
Freely selectable, depending
on the component

Interfaces
3 digital outputs [24 VDC]
1 digital input [24 VDC]

Triggering via external start
signal possible

+ ADVANCED Features

Valve heating and integrated
regulation of temperature

+ PROFESSIONAL Features

Monitoring and evaluation of the
process pressure profile