

# simalube<sup>®</sup> IMPULSE

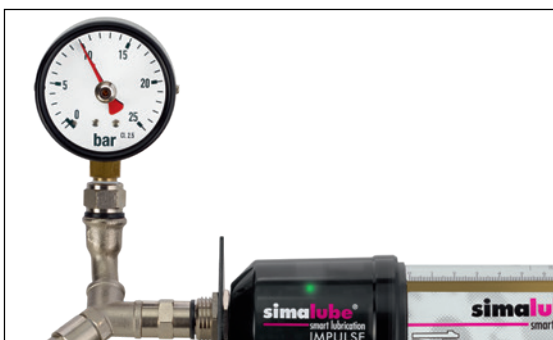
## Fully automatic pressure booster for simalube lubricators



The simalube IMPULSE is a fully automatic, electromechanical pressure booster for simalube lubricators. A dispensing time between 1 and 12 months is set on the simalube lubricator, which supplies the system with lubricant. The pressure booster transforms the continuous flow of lubricant from the simalube into lubrication bursts of about 0.5 ml in volume and a pressure of up to 10 bar. This feature is monitored by a logic controller that has a blinking LED display (green/red) to indicate the current operating mode. Power is supplied by a replaceable battery pack. The pressure booster can be reused multiple times.

### Description simalube<sup>®</sup> IMPULSE

- 1** Pressure booster simalube<sup>®</sup> IMPULSE
- 2** Battery pack
- 3** Function display LED (green/red)
- 4** Connection thread G ¼"



The simalube IMPULSE creates a pressure of up to 10 bar.



# Technical Information simalube® IMPULSE

<b>simalube® IMPULSE</b>	Automatic pressure booster for the simalube lubricator
<b>Drive system</b>	Electromechanical
<b>Power supply</b>	Battery pack, 6 V 2.3 Ah
<b>Function display</b>	LED status display: green/red every 10 seconds
<b>Dispensing volume</b>	0.5 ml per stroke
<b>Working pressure</b>	Up to 10 bar
<b>Operating temperature</b>	-10 °C to +55 °C
<b>Time setting</b>	1 to 12 months – determined by the setting on the simalube
<b>Lubrication rate</b>	Depends on the size and settings of the simalube: 0.17 to 8.3 ml/day
<b>Lubricator volume</b>	According to lubricator: 60 ml, 125 ml or 250 ml
<b>Lubricant</b>	Grease up to NLGI 2 or oil
<b>Installation position</b>	Any
<b>Connection thread</b>	G ¼" with integrated non-return valve
<b>Housing dimensions</b>	Ø 60 x 85 mm
<b>Housing material</b>	PET semitransparent
<b>Weight</b>	0.24 kg
<b>Protection rating</b>	IP68 (dust- and waterproof)
<b>Warranty &amp; service life</b>	3 years from the production date or until 10 simalube lubricators (125 ml) have been emptied
<b>Storage</b>	Recommended at +20 °C (+/-5 °C) Protect against sunlight and store in a dry place (<65% humidity)
<b>Packaging unit</b>	1

## Features of the simalube® IMPULSE

- Pressure generation up to 10 bar
- Gentle on lubricants
- Green/red LEDs indicate seven operating states
- Plug & Play – no adjustments necessary
- Lubricating point remains sealed when changing simalube
- Warranty: 3 years or 10 lubrication cycles
- Multiple usage
- IP68 (dust- and waterproof)
- Suitable for oil and grease up to NLGI 2
- Compatible with simalube 60, 125, 250 ml and accessories

## Dimensions and disposal of the simalube® IMPULSE



Dispose the battery pack in battery recy-



Dispose according 2002/96/EG (WEEE)

	mm	inch
a	G ¼"	
b	Ø 60	Ø 2.36
c	10	0.39
d	75	2.95
e	130	5.12
f	169	6.65

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