

simalube[®] 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[®] IMPULSE

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



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



Technical Information simalube® IMPULSE

simalube® IMPULSE	Automatic pressure booster for the simalube lubricator
Drive system	Electromechanical
Power supply	Battery pack (alkaline), 6 V 2.3 Ah Battery pack (lithium) for low temperatures, 6 V 2.9 Ah
Function display	LED status display: green/red every 10 seconds
Dispensing volume	0.5 ml per stroke
Working pressure	Up to 10 bar
Operating temperature	-10 °C to +55 °C
Time setting	1 to 12 months – determined by the setting on the simalube
Lubrication rate	Depends on the size and settings of the simalube: 0.17 to 8.3 ml/day
Lubricator volume	According to lubricator: 60 ml, 125 ml or 250 ml
Lubricant	Grease up to NLGI 2 or oil
Installation position	Any
Connection thread	G 1/4" with integrated non-return valve
Housing dimensions	Ø 59 × 85 mm
Housing material	PET semitransparent
Weight	0.24 kg
Protection rating	IP68 (dust- and waterproof)
Warranty & service life	3 years from the production date or until 10 simalube lubricators (125 ml) have been emptied
Storage	Recommended at +20 °C (+/-5 °C) Protect against sunlight and store in a dry place (<65% humidity)
Packaging unit	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 recycling



Dispose according 2002/96/EG (WEEE)

	mm	inch
a	R1/4"	
b	Ø 59	Ø 2.32
c	10	0.39
d	75	2.95
e	130	5.12
f	169	6.65
g	262	10.31