

TLRD series

# Refillable automatic grease dispenser

The TLRD series is a refillable electro-mechanical single-point grease dispenser, which can be reused by simply refilling it with fresh grease and installing with a new battery pack. It brings additional value compared to gas-driven lubricators as it can be operated under variable temperatures, or when the application conditions require a remote mounting (in case of vibration, limited space or hazardous environment), or when a simple filling / refilling process is required.

- Available in 2 sizes (150 and 250 ml)
- To be filled with any compatible grease (it is supplied without lubricant)
- Can be filled and refilled easily with a standard grease gun/pump
- Maximum discharge pressure of 5 bars over the full dispensing period
- Visual inspection is easy through the translucent reservoir
- Normal / abnormal working conditions are indicated by a LED
- Connection nipples and other installation accessories are available
- Suitable for both direct and remote installation

## Typical applications

- Applications in restrictive and hazardous locations
- Bearing housing lubrication
- Electric motors
- Fans and pumps
- Conveyors
- Cranes
- Food and beverage processing machinery
- Many more



TLRD 1-FA



TLRD 250



TLRD 150

## Ordering details

Designation	Description
TLRD 150	Drive unit kit (150 ml) incl. empty cartridge, drive unit with cap and battery pack
TLRD 250	Drive unit kit (250 ml) incl. empty cartridge, drive unit with cap and battery pack
TLRD 1-FA	Filling adapter (all cartridges)

## Technical data

Designation	TLRD 150	TLRD 250
Approx. dimensions	152 × 89 mm (6 × 3.5 in.)	196 × 102 mm (7.7 × 4 in.)
Weight	0.58 kg (1.28 lb)	0.68 kg (1.50 lb)
Grease capacity	150 ml (5.1 fl. oz US)	250 ml (8.5 fl. oz US)
Time setting	Adjustable 1 to 12 months	Adjustable 1 to 12 months
Outlet interface	G½	G½
Ambient temperature range	-20 to + 60 °C (-4 to +140 °F)	-20 to + 60 °C (-4 to +140 °F)
Operating pressure range	Up to 5 bar	Up to 5 bar
Electrical rating	6V CR-P2 Lithium (1 400 mAh)	6V CR-P2 Lithium (1 400 mAh)
Storage temperature range	0 to 50 °C (32 to 122 °F)	0 to 50 °C (32 to 122 °F)
Drive mechanism	Electro-mechanical	Electro-mechanical
Maximum feed line length	Up to 3 meters (10 ft)	Up to 3 meters (10 ft)
Protection class assembled lubricator	IP 65	IP 65

## Accessories

Designation	Description	Designation	Description	Designation	Description
LAPR 1/4	Nipple G1/2F – G1/4M	LAPN 1/8	Nipple G 1/4 - G 1/8	LAPE 35	Extension 35 mm (G1/4F – G1/4M)
LAPR 1/8	Nipple G1/2F – G1/8M	LAPN 3/8	Nipple G 1/4 - G 3/8	LAPF F1/4	Tube connection female G 1/4
LAPR A1/4	Angle connection 45°, G1/2F – G1/4M	LAPN 6	Nipple G 1/4 - M6	LAPF M1/8	Tube connection male G 1/8
LAPR A1/8	Angle connection 45°, G1/2F – G1/8M	LAPN 8	Nipple G 1/4 - M8	LAPF M1/4	Tube connection male G 1/4
LAPC R1/4	Support bracket 1/2" (F) – 1/4" (M)	LAPN 8	Nipple G 1/4 - M8	LAPF M3/8	Tube connection male G 3/8
LAPA 45	Angle connection 45°, G1/4M	LAPN 8x1	Nipple G 1/4 - M8 × 1	LAPT 1000	Flexible tube, 1 000 mm long, 8 × 6 mm
LAPA 90	Angle connection 90°, G1/4M	LAPN 10	Nipple G 1/4 - M10	LAPT 5000	Flexible tube, 5 000 mm long, 8 × 6 mm
LAPN 1/4UNF	Nipple G 1/4 – 1/4 UNF	LAPN 10x1	Nipple G 1/4 - M10 × 1	LAPT 5000SW	Extra strong flexible tube, 5 000 mm long, 8 × 6 mm
LAPN 1/2	Nipple G 1/4 - G 1/2	LAPN 12	Nipple G 1/4 - M12		
LAPN 1/4	Nipple G 1/4 - G 1/4	LAPN 12x1.5	Nipple G 1/4 - M12 × 1.5		
		LAPE 50	Extension 50 mm (G1/4F – G1/4M)		

## Spare parts

Designation	Description
TLRD 1-RD150	Empty cartridge (150 ml capacity)
TLRD 1-RD250	Empty cartridge (250 ml capacity)

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