

perma ULTRA

High pressure output with weekly and monthly time setting options



Bluetooth-enabled lubrication system with high pressure build-up and wide temperature range

perma ULTRA is a fully automatic lubrication system, independent of temperature and counter pressure with a very precise discharge. With three cartridge sizes, pressure build-up to 725 psi / 50 bar and options of weekly and monthly time settings, perma ULTRA is an extremely versatile and capable lubrication system suited to a wide range of applications which demand high lubrication rates and where long remote grease lines are necessary to ensure safe access, e.g. drag conveyors, shaker screens, rotary kilns and belt conveyors.

perma

Applications



Industry: Aggregates
Application: Shaker screen



Industry: Aggregates
Application: Belt conveyor



Industry: Wastewater
Application: Rotary screen

Product characteristics



Bluetooth functionality

Allows simplified operation via perma CONNECT APP

Benefits

- Bluetooth functionality as standard
- Configure, control and maintain remotely
- Increase of workplace safety
- Real-time lubricator function and feedback



**Pressure build-up,
up to 725 psi / 50 bar**

**System operates reliably from
-40 °F* to 140 °F / -40 °C* to +60 °C**

Remote mounting required

- High pressure capability benefits, e.g. applications on gravity take-ups or where long remote grease lines are necessary
- Universal use both in cold areas and at higher temperature
- Wide remote installation options to improve workplace safety by installing the systems at safe and easy-to-access locations



**LCD display with backlighting
and push button operation**

Setting:
1, 2, 3 ... 12 months
1, 2, 3 ... 26 weeks

- Straightforward, single-button operation
- Precise settings according to requirements prevent lubrication starvation and over-lubrication
- Various dispensing rate options - extended maintenance intervals

Technical data

Drive – reusable
**Electromechanical drive with
Battery pack ULTRA /
Battery pack ULTRA low temperature**

Discharge period
1, 2, 3 ... 12 months / 1, 2, 3 ... 26 weeks

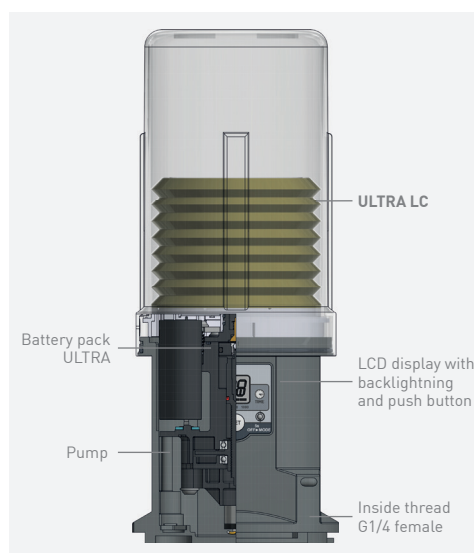
Lubricant volume
**500 cc, 750 cc or 1000 cc /
16.91 oz, 25.36 oz or 33.81 oz**

Operating temperature*
-40 °F to 140 °F / -40 °C to +60 °C

Continuous pressure build-up
Up to 725 psi / 50 bar

Protection class
IP 67 / IP 65

Standard & special lubricants
Greases up to NLGI 2



*To achieve functionality below -20° C / -4° F, Battery pack ULTRA low temperature (lithium) must be used. Only to be used with suitable low temperature lubricants!

perma ULTRA Components & Accessories - How to order

1

Drive kit



ULTRA Drive incl. cover

2

Refill kit

Alkaline

Lithium



ULTRA LC 1000 cc +
Battery pack ULTRA



ULTRA LC 500 cc +
Battery pack ULTRA



ULTRA LC 1000 cc +
Battery pack ULTRA
low temperature



ULTRA LC 500 cc +
Battery pack ULTRA
low temperature

3

Installation /
Accessory kit



Kit
ULTRA Heavy Duty
beam clamp



Kit
ULTRA Heavy Duty
cage hanger



Kit
ULTRA Heavy Duty
rail mount

4

Hose



High pressure
hydraulic hose
crimped

Hose length options

- 3 ft 15 ft
- 6 ft 20 ft
- 10 ft 25 ft

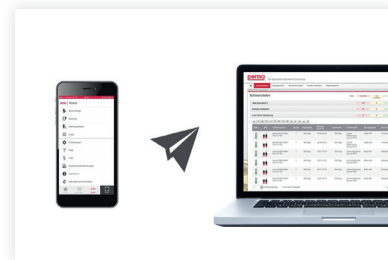
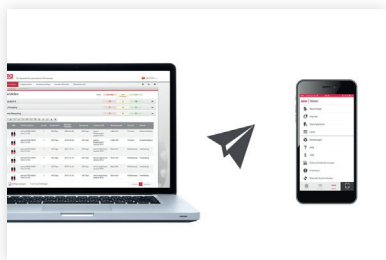
max. recommended hose length: 65 ft / 20 m



perma CONNECT APP

The convenient solution for remote lubrication point management

Simple and intuitive - configure and maintain your perma ULTRA lubrication system via the new perma CONNECT APP.



perma Maintenance Lubrication Program (MLP) provides clear structures with details about perma ULTRA, which can be accessed via the perma CONNECT APP. The current status information is transferred to perma MLP for convenient access from your workplace.



Turn on and off

A pop-up window will appear and will prompt you with an **OK** to turn the unit on or off.



Locate

perma CONNECT APP sends a signal to the lubrication system. The display will flash very rapidly for 5 seconds.



Purge

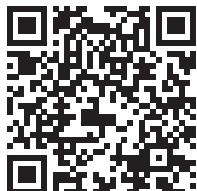
A pop-up window will appear and prompt you to start the purge cycle. You can interrupt the purge cycle anytime during the purge.



History

Opens detailed information for selected lubrication system. A range of data is provided such as number of discharges and minimum temperatures.

Start now!



Registration for the perma CONNECT APP requires a free perma Maintenance Lubrication Program (MLP) web application account.



Sign up now:
<https://mlp.perma-tec.com>

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