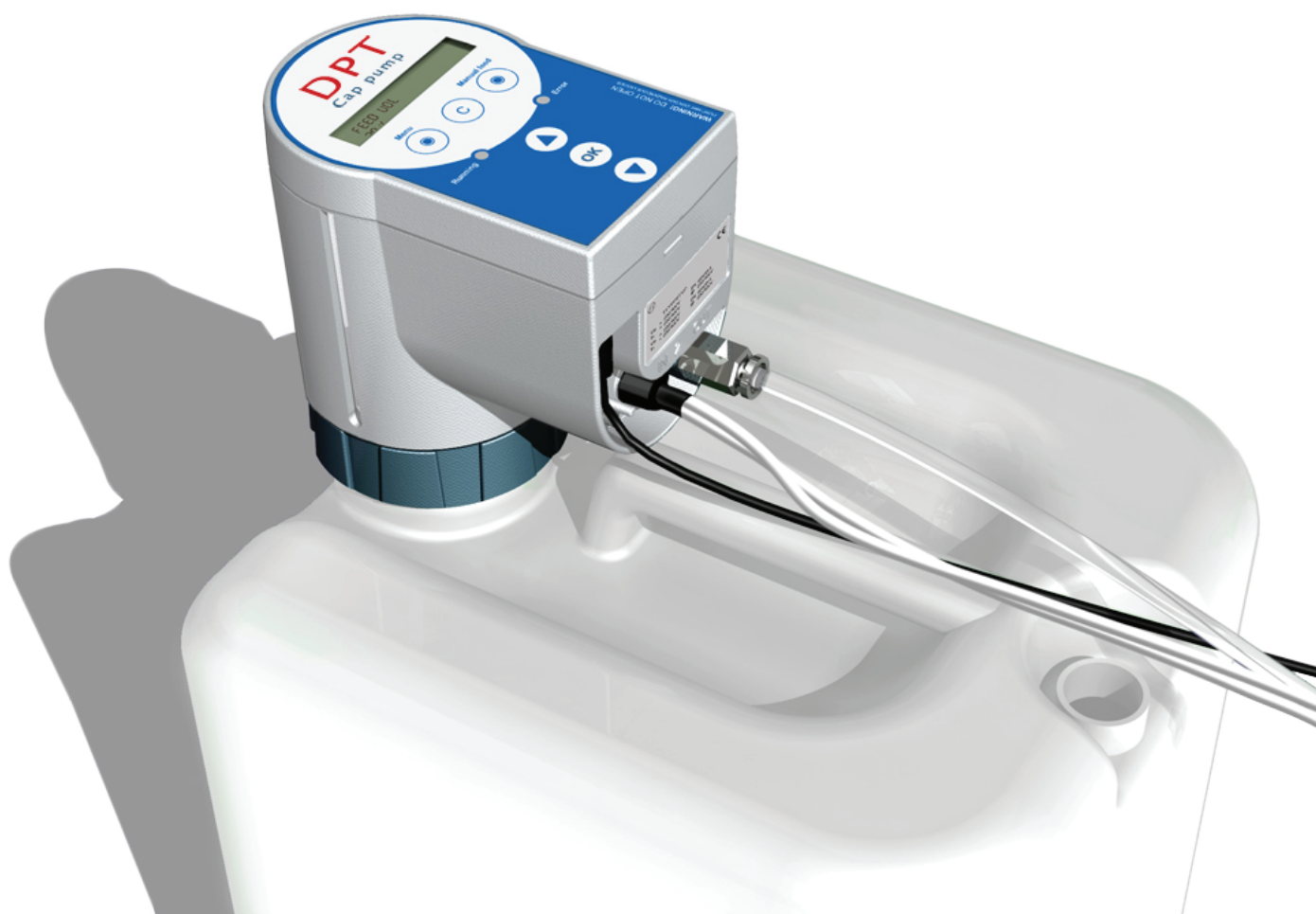


Home of

— INTELLIGENCE —
Cap Pumps



DPT CAP PUMP SERIES

The function of the cap pump maintains cleanliness and reduces maintenance costs for piping, tanks and other ancillary pipe equipment. The cap pump uses a microprocessor controller to automatically and economically function with maximum efficiency. It regulates the exact chemical cleaning dosage that is fed into the integrated systems.

DPT CAP PUMP USAGE EXAMPLES

The DPT Cap Pumps may be used in numerous land or marine applications. The duration and dosage in millilitres are easily adjusted.

- ◆ Foam prevention applications
- ◆ Rust prevention in boiler systems
- ◆ Prevention of scale build-up in black water piping
- ◆ Prevention and elimination of grease blockages and odours
- ◆ Grey water system treatment
- ◆ Water treatment chemical feed
- ◆ Dishwasher chemical feed
- ◆ Swimming pool chemical feed
- ◆ Phosphorus removal from wastewater

Experiencing blockage in a vacuum pipeline?

The DPT Cap Pumps help to keep pipelines clean and blockage free. DPT Cap Pumps dose just the right amount of chemical into pipelines to remove grease and other blockages easily and in a controlled manner.



Starting situation

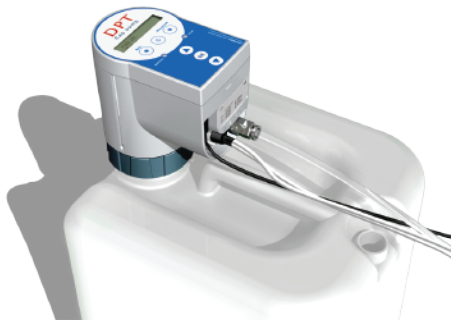


After 3 days



After 14 days

DPT CAP PUMP SERIES



DPT-BC

- ◆ Single outlet
- ◆ Max flow 60–350 ml/min
- ◆ Basic software (speed and flow control)
- ◆ Mounting directly to a container or barrel



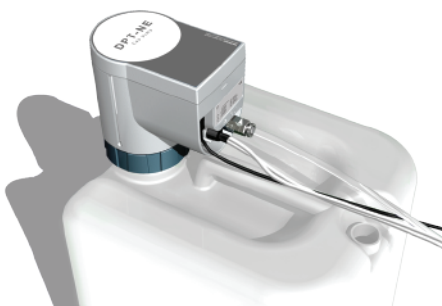
DPT-BC-2

- ◆ Two outlets
- ◆ Max flow 20 ml/min/channel
- ◆ Maintenance free
- ◆ Selectable parameters



DPT-BC-4

- ◆ Four outlets
- ◆ Real-time clock for precise timing
- ◆ External feeding tube: Max length 100 m
- ◆ LDC display



DPT-NE

- ◆ Single outlet
- ◆ Non-electronic
- ◆ Compatible with: acids, alkali, bacteria etc.
- ◆ High durability, long lifespan



DPT-CM

- ◆ One, two, three, or four outlets
- ◆ Max. flow 20–350 ml/min
- ◆ Customized functions
- ◆ Customized software

TECHNICAL SPECIFICATIONS FOR DPT SERIES

- ◆ Suitable for use with: acids, alkali, bacteria etc.
- ◆ Mounted directly in the place of the original container cap
- ◆ Completely integrated unit with a pump, electronics, and a control panel
- ◆ Microprocessor controlled
- ◆ Real-time clock for accurate timing options
- ◆ User-programmable settings with time-based feeding and selected volume
- ◆ Motoring of chemical quantity: level sensor or volume of fed chemical
- ◆ Pump characteristics:
 - pump type: peristaltic
 - capacity: 60-350 ml
 - external feeding tube: max length 100 m, max rise 25 m
- ◆ Power supply input 24V dc / 0.2 ... 0.3 A
- ◆ Protection class: IP 44
- ◆ Temperature range (operation/storage): 0 ... +55C / -20 ... +65C
- ◆ Physical dimensions without container tube/sensor accessory
 - DPT-BC, DPT-BC-2, DPT-NE: 135 x 82 x 133 mm
 - DPT-BC-4: 135 x 82 x 215 mm
- ◆ Weight approx. 1 kg
- ◆ Control panel for parameter settings and other operation controls:
 - 2 x 16 character LCD display with backlight
 - 2 LED lamps, 6 pushbuttons
- ◆ User-friendly menus for scrolling and setting feeding times and other feedback
- ◆ Selectable parameters:
 - Time-based feed: 12 feeds with the amount between 1 - 9999 ml
 - Auto feed: with the amount of 1 - 9999 ml repeated every 1 min - 23 h 59 min

Mounting directly on a 5-25L container or a 200L barrel.

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Cap Pumps

InnTech Europe is an innovative Finnish high-technology designer and manufacturer of automated dispensers, dosing pumps, peristaltic pumps and associated components for various applications.

InnTech

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