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— INTELLIGENCE —  
Cap Pumps

DPT-BC CAP PUMP keeps pipes, tanks, and other objects clean and maintenance-free by controlled chemical feeding, which is automated and economical.

The unique construction and built-in features of the DPT-BC CAP PUMP provide intelligent, carefree and economical cleaning solutions for various applications.

- ◆ DPT-BC CAP PUMP can be used to feed several kinds of chemical liquids: acids, alkali, bacteria, etc.
- ◆ Compact, lightweight, durable construction
- ◆ User-friendly control panel with an LCD display
- ◆ Easy and safe to use, maintenance-free
- ◆ Microprocessor-controlled, accurate feeding
- ◆ Easy, user-programmable feeding time and other parameter settings via simple, self-guiding query menus
- ◆ Simple to install: the pump is directly mounted to a standard 5-25 -litre chemical container or to a 200 -litre chemical barrel in place of the original container/barrel cap

By correct chemical feeding, the DPT-BC CAP PUMP produces an intelligent solution to keep the treated objects (pipes, tanks, collection units, etc.) clean, with optimized chemical consumption.

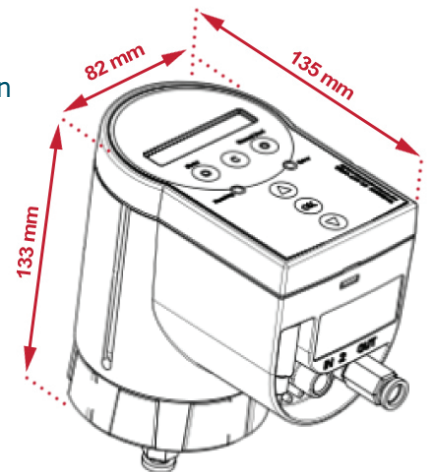
Adjustable and controlled, time- or vacuum-based chemical feeding gives the best results, thereby avoiding deposits and blockages of any kind inside the treated object. Chemical solution is sufficiently diluted before feeding, so as to avoid damage to the object. But the solution is still concentrated enough to reliably remove deposits or other contaminants.

Application examples: the food industry (breweries, dairies, etc.), farming, disposal systems in kitchens, maintaining cleanliness of (e.g. offshore) sewer pipes and collection units, scale and rust removal in boilers, oily bilge water treatment, defoamer feeding, etc.

## TECHNICAL SPECIFICATIONS FOR DPT-BC

- ◆ 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
  - 135 x 82 x 133 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

Simple to install: Mounting directly on a standard 5-25L container or a 200L barrel.



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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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