CMTP 2

Syringe Dispenser-Container

Introduction
The CMTP 2 Syringe Dispenser-Container makes life easier - not just for the user, but also for community social workers and staff.

CMTP 2 facilitates the distribution of new syringe and needle kits, as well as providing secure and safe storage for used syringes, needles and other semi-hazardous waste.

.

More than just a secure waste container
CMTP 2 has dual functionality – it is not only an advanced RFID-operated syringe and needle dispenser, but also an advanced waste container, which enables the secure disposal of used syringes and needles.

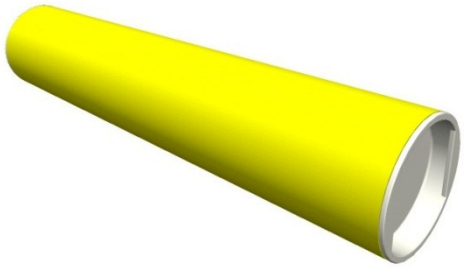
The CMTP 2 has an attractive, discrete design that blends in, both indoors and outdoors, in almost any environment. This high quality dispenser is made of stainless steel, powder-painted steel and aluminum.

The CMTP 2 offers room on the side for sponsorship labels and logos, making sponsorship financing possible for installation and operation.

CONPLEKS INNOVATION

Syringe Dispenser

The main function of the CMTP 2 is to handle the automated distribution of syringe and needle kits. The kits used by the dispenser are pre-packed in white or yellow 32mm cardboard tubes.



The tubes are stored in the upper part of the dispenser, in a funnel, underneath the lid. The dispenser has space for approx. 80 kits. The lid is locked using a separate locking system.

The dispensing function uses an advanced SALTO XS4 OEM electronic locking system to ensure secure distribution. This type of locking system is widely used and easy to deploy and maintain.

When a personal keycard or key ring is recognized, the dispenser authenticates it, and a small green light turns on. The syringe and needle kit is dispensed when the button is pressed.

The SALTO XS4 OEM electronic locking system is resistant to chemicals and UV radiation. The battery pack, electronic components and locking mechanism are all located inside the dispenser, protected from potential vandalism or sabotage.

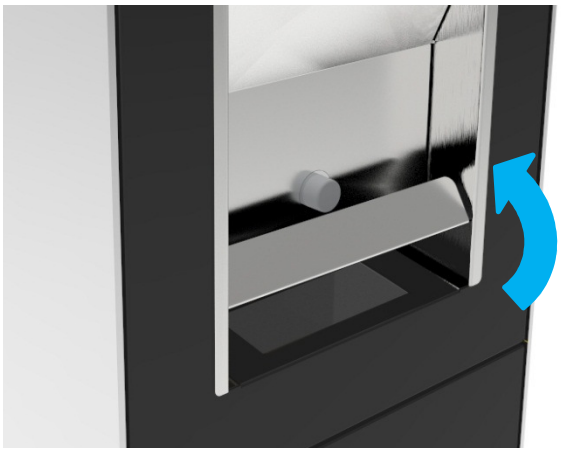
The dispenser system can be programmed using a hand-held terminal. The terminal can also be used to read status and log information from the dispenser.

User keycards and key rings can be administered, programmed and maintained centrally, without having to update all dispensers within the city or community. SALTO-compatible keycards and key rings (carriers) are available in a wide range of versions, to suit the individual user's needs. All carriers are easy to use, and are SALTO Virtual Network (SVN) compatible.

Status information, e.g. low-battery information, from the dispenser can be monitored through the SALTO Virtual Network (SVN) system, since the information is written onto user keycards and thereby passed on to any centralized reader in the community center.

Syringe Waste Container

The user can get access to the secure waste container by lifting up the tube tray.



When the tube tray is lifted, used syringes, used needles and other semi-hazardous waste can be put into the container.

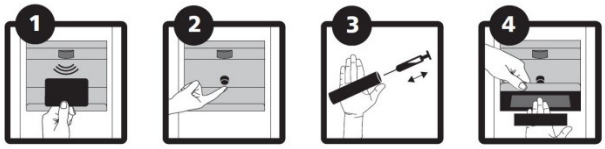
Inside the container, all waste is collected in a standard, yellow, 60-liter plastic bin.

Using a separate locking system, the front door of the container can be opened to replace a full plastic bin with new empty one.

User Guide Pictograms

On the top lid there is a small, easy user guide, based on four pictograms.

The user guide pictograms show how the user should operate both the dispenser and waste disposal functions.



The community or council brand name or logo may also be placed on the display plate on the top lid, right above the pictograms.

Sponsorships

The CMTP 2 Syringe Dispenser-Container allows you to get local sponsorships from e.g. shops that may wish to support the distribution and safe disposal of syringe kits, in order to highlight their company's social consciousness and awareness.

Technical specifications

GENERAL
- Dual purpose syringe & needle dispenser and syringe,& needle waste container
- RFID-operated dispenser function using the SALTO XS-4 9000 OEM locking system
- Waste container using a 60-liter plastic waste bin
- Robust mechanical enclosure, built with powder-painted steel, stainless steel and aluminum
- Ease of use for people with disabilities

MECHANICAL LOCKING SYSTEMS
- Top lid (dispenser): Emka 1048-U6-PH
- Front door (container) Emka 1000-U817-01PH

DISPENSER CAPACITY
- Dispenser tube funnel: Approx. 80 tubes (32 mm)

WASTE CONTAINER CAPACITY
- Plastic waste bin: 60 liters
- Type: WIVA FASS-4

VANDALISM
- A special security bracket is delivered together with the CMTP 2
- The bracket can be used for sealing off the front of the dispenser and waste container

DIMENSIONS
- H x W x D: 1526 x 418 x 440 mm H (front edge): 1321 mm
- Weight: xx kg

DISPENSER CONTROL SYSTEM
- SALTO XS-4 9000 OEM Locker Lock System
- 13.56 MHz contactless RFID identification system
- Full access control rights programmed via software
- Virtual network capable
- User on-card audit trailing capability for audit trailing via the SALTO Virtual Network (SVN)
- Storage for logging the last 1000 events
- Power source: 3 Lithium batteries FR03, AAA, 1.5V (see Environmental)
- Low battery power indication monitored through the SALTO Virtual Network (SVN), as low battery status information is written onto carriers and passed to the software. Readings can also be taken at the lock and passed to the software via PPD connection.
- Battery capacity up to 30 000 operations. Battery change every 6 months is recommended.

RFID CARRIERS / KEYCARDS
- Compatible with RFID cards meeting ISO Standards, compatible with DESfire, DESfire EV1, Mifare, Mifare plus
- Able to use the SALTO Virtual Net (SVN)
- Secure, copy-proof data carrier for high security
- Strong, ergonomic design for long life
- High resistance to variations in weather conditions
- Multi-application capabilities
- Key ring easy to use - can be carried alongside traditional keys
- RFID cards are battery-free, customable and waterproof

ELECTROMAGNETIC COMPATIBILITY (LOCK SYSTEM)

Applied harmonized standards:
- Use of radio frequency spectrum
  - ETSI EN 300 330-2 v1.3.1 (2006-04)
  - ETSI EN 301 489-1 (2005-09)
  - ETSI EN 301 489-3 (2002-08)
- Electromagnetic Compatibility
  - EN 55024 (1998)+A1(2001)+A2(2003)
  - EN 61000-6-1 (2001)
  - EN 61000-4-2 (1995)+A1(1998)+A2(2001)
  - EN 61000-4-3 (2002)

SAFETY (LOCK SYSTEM)
- Security requirements
  - EN 60950

ENVIRONMENTAL
- IP53 compliant design
- Operational temperature (using FR03 Lithium batteries):
  - Range: -20°C to 40°C, without condensation
- Transportation/Storage temperature (using FR03 Lithium batteries):
  - Range: -20°C to 70°C, without condensation

Conpleks Innovation ApS Denmark
www.conpleks.com

DE 00 201 002 en A