

INTI Pharm

Digital Pharmacy is Now Yours

# INTI Pharm

## Advanced Automated Medication Dispensing Cabinet System

INTIPharm is Automated dispensing and discharging system according to the patient prescription, supports accurate drug administration environment and shortens the administration time.



# INTI Pharm

## 5R

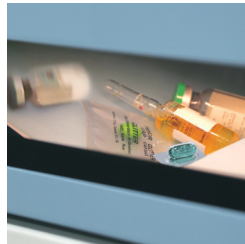
Complied to international medication management standard



Right Patient



Right Drug



Right Dose



Right Route



Right Time





## CONTROL STATION

CSC - (Control Station for Cabinet)

CSS - (Control Station for Supply Cabinet)

CSD - (Control Station Desk type)

## CABINET

DCH - (Dispensing Cabinet High speed)

DC - (Dispensing Cabinet)

SC - (Supply Cabinet)

CC - (Compact Cabinet)

## MODULE

6types per selectable module

AutoBox / Narcotics Safe / Drawer / Shelf / Cathrack / Refrigerator

## AutoBox

3types per goods to be stored (for DC and SC AutoBox module)

Ampule & Vial / Pouch / PTP

## Software

INTIPharm VMS (Video Management System)

INTIPharm Mobile (Mobile Checking System)

Advanced Automated Medication Dispensing Cabinet System

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# CONTROL STATION

Determined by chosen cabinet type and it provides information and usage history of items in Intipharma and integrated system management

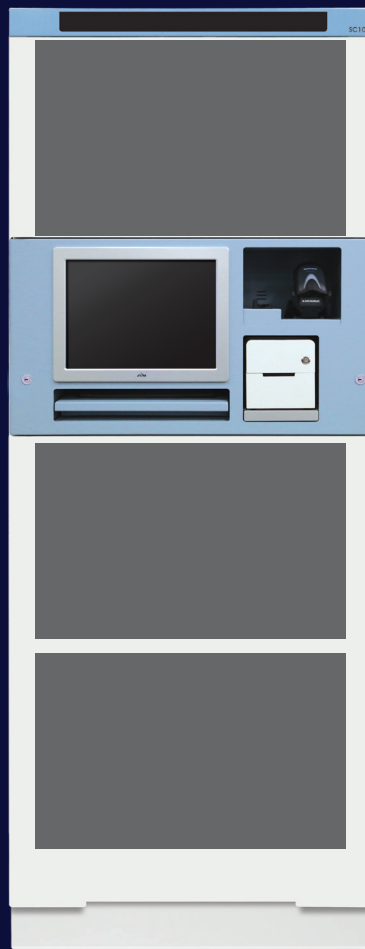
## CSC

Control Station for Cabinet



## CSS

Control Station for Supply Cabinet



## CSD

Control Station Desk type



# CSC

## Control Station of Cabinet

**Control station for all cabinet.** When prescription order is processed, items are dispensed automatically and it opens the collection gate with voice alarm. It is able to control by user authorization (vein recognition) and re-confirm the dispensed items using barcode and printed information which allows more accurate management. Store and release history and stock status is in the DB so it is also available to track and trace.



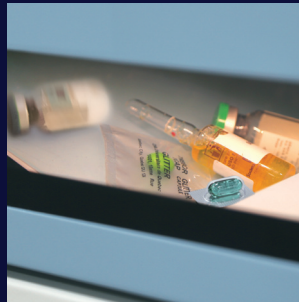
Vein authentication(Log-in)



Barcode scan of dispensed items



Autobox refill at location



DC Automatic medication dispensing and gathering



Dispense information label print



Bottom options(SC Slide Shelf)

### Specification

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Dimensions        | 500(W) X 580(D) X1,950(H)mm                     |
| Weight            | About 200~250kg                                 |
| Display           | 15" Touch monitor                               |
| Input Devices     | Keyboard, Touch screen                          |
| Bottom options    | ①Retuning Bin + Drawer 2ea    ②SC : Slide Shelf |
| Operating system  | PC                                              |
| Power supply      | 100V-240V,50/60Hz                               |
| Power consumption | 70W                                             |

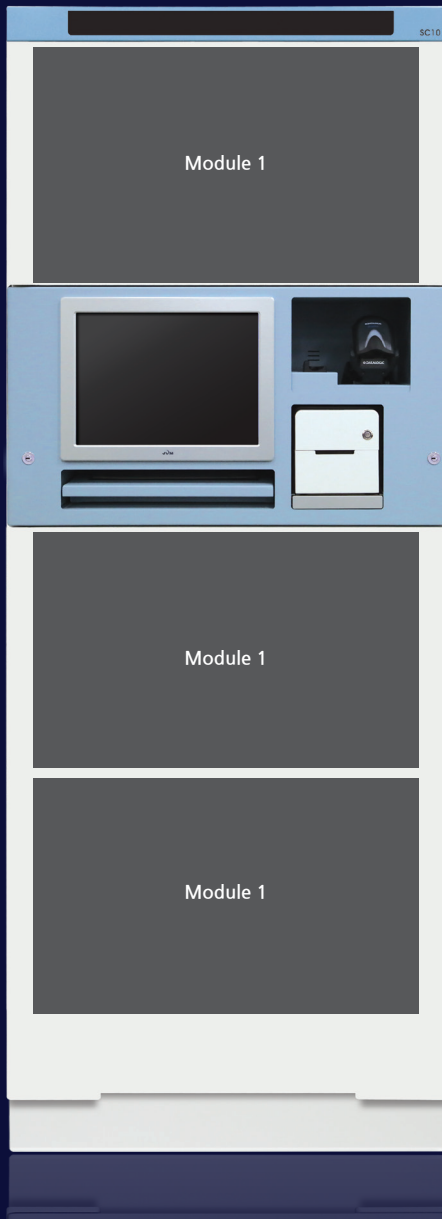
※ Product exterior and specifications are subject to change due to the company's research and development results without any prior notice.

# CSS

## Control Station for Supply Cabinet

### Exclusive control station for DCH, SC and CC.

It indicates location of required medication and item for each module in accordance with prescription data. It is able to control by user authorization (vein recognition) and re-confirm the dispensed items using barcode and printed information which allows more accurate management. Store and release history and stock status is in the DB so it is also available to track and trace.



CSS includes a basic frame with optional modules.  
CSS does not include an onsite refill station.



Vein authentication(Log-in)



Barcode scan of dispensed items



LED for item location



Dispense information label print

### Specification

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Dimensions        | 750(W) X 580(D) X 1,950(H)mm                        |
| Weight            | About 200~300kg<br>(Varies to module configuration) |
| Display           | 15" Touch monitor                                   |
| Input Devices     | Keyboard, Touch screen                              |
| Operating system  | PC, Embedded board                                  |
| Power supply      | 100V-240V, 50/60Hz                                  |
| Power consumption | 250W                                                |

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# CSD

## Control Station Desk type

### Exclusive control station for DCH, SC and CC.

This can be installed on a desk. For best result, use it in conjunction with a CC cabinet. It is able to control by user authorization (vein recognition) and re-confirm the dispensed items using barcode and printed information which allows more accurate management. Store and release history and stock status is in the DB so it is also available to track and trace.



Vein authentication(Log-in)



Barcode scan of dispensed items



LED for item location



Dispense information label print

### Specification

|                   |                            |
|-------------------|----------------------------|
| Dimensions        | 750(W) X 580(D) X 700(H)mm |
| Weight            | About 60kg                 |
| Display           | 15" Touch monitor          |
| Input Devices     | Keyboard, Touch screen     |
| Operating system  | PC, Embedded board         |
| Power supply      | 100V-240V, 50/60Hz         |
| Power consumption | 40W                        |

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## Example mix and match: Control station + Cabinets

DC+CSC+SC



CSS+SC



CSD+CC





Advanced Automated Medication Dispensing Cabinet System

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# CABINET

User can choose the Intipharm modules in accordance with the character (security level, refrigerate) of objects that needed to be stored and way of discharge.

## DCH

Dispensing Cabinet High speed



## DC

Dispensing Cabinet



## SC

Supply Cabinet



## CC

Compact Cabinet



# DCH

## Dispensing Cabinet High speed

This high-speed cabinet unit uses an autobox, which dispense items automatically, as a default. As it is not necessary to relocate the items to a different machine and the items are dispensed directly to DCH to reduce time to process the operation. It can accommodate standardized small items. Ideal for exact dispensing of narcotics and expensive drugs.



▲ Ampule



▲ Vial



▲ Pouch



▲ PTP

### Autobox



### Specification

|                     |                                                                                  |
|---------------------|----------------------------------------------------------------------------------|
| Dimensions          | 995(W) X 580(D) X 1,950(H)mm                                                     |
| Weight              | About 400kg (without Auto box)                                                   |
| Acceptable products | Ampule, Vial, Pouch, Syringe, PTP                                                |
| Capacity            | Auto Box : MAX.108ea / unit (based on 80x103mm)<br>Cartridge : MAX. 12set / unit |
| Scalability         | Maximum 4 units in connection                                                    |
| Refill              | In pharmacy using refill station, refill at location                             |
| Operating system    | PC                                                                               |
| Power supply        | 220V,60Hz                                                                        |
| Power consumption   | MAX. 400W                                                                        |

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# DC

## Dispensing Cabinet

This cabinet unit uses an autobox, which dispense items automatically, as a default. It moves and collects items as commanded and automatically dispenses to CSC outlet. It can accommodate standardized small items. Ideal for exact dispensing of narcotics and expensive drugs. It works in conjunction with Control Station CSC.



▲ Ampule



▲ Vial



▲ Pouch



▲ PTP

### Specification

|                     |                                                                                  |
|---------------------|----------------------------------------------------------------------------------|
| Dimensions          | 995(W) X 580(D) X 1,950(H)mm                                                     |
| Weight              | About 400kg (without Auto box)                                                   |
| Acceptable products | Ampule, Vial, Pouch, Syringe, PTP                                                |
| Capacity            | Auto Box : MAX.108ea / unit (based on 80x103mm)<br>Cartridge : MAX. 12set / unit |
| Scalability         | Maximum 4 units in connection                                                    |
| Refill              | In pharmacy using refill station, refill at location                             |
| Operating system    | PC                                                                               |
| Power supply        | 220V, 60Hz                                                                       |
| Power consumption   | MAX. 400W                                                                        |

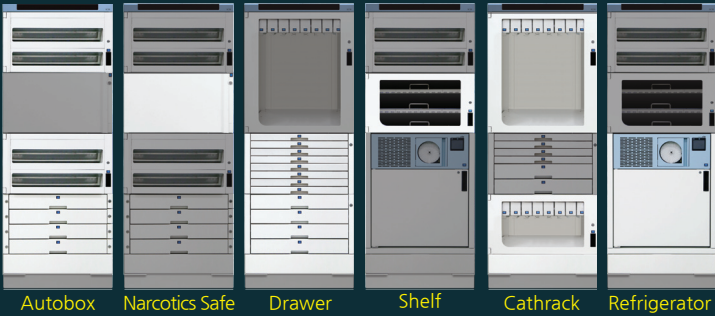
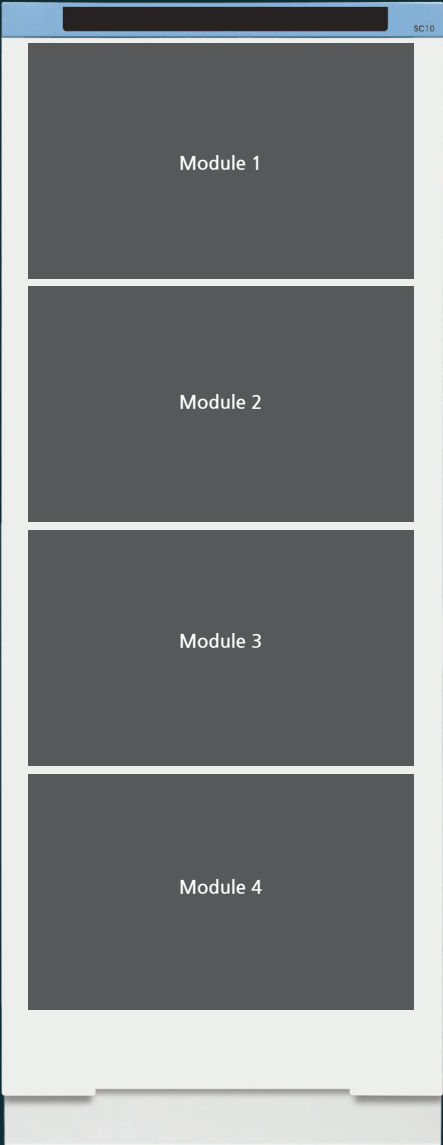
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# SC

## Supply Cabinet

Cabinet for special and infrequently using medications and items.

Able to equip chosen modules so efficient operation is possible in accordance with user environment with appropriate configuration.



### Specification

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Dimensions        | 750(W) X 580(D) X 1,950(H)mm                                                      |
| Weight            | About 200~300kg (Varies to module configuration)                                  |
| Operating system  | PC, Embedded board                                                                |
| Power supply      | 100V-240V, 50/60Hz<br>(Refrigerated module is a separate power supply 220V, 60Hz) |
| Power consumption | MAX. 250W (Varies to module configuration)                                        |

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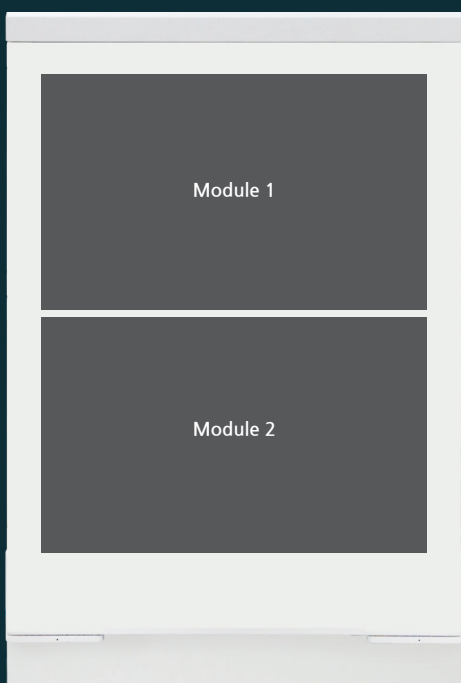
## Compact Cabinet

### Compact Cabinet for special and infrequently using medications and items.

Use this unit when you need an extra cabinet for items which are used not as often as other items or items that need to be dispensed in large quantity. Able to equip chosen modules so efficient operation is possible in accordance with user environment with appropriate configuration.



Autobox    Narcotics Safe    Drawer    Shelf    Cathrack    Refrigerator



▲ Ampule    ▲ Vial    ▲ Pouch    ▲ Syringe    ▲ PTP



▲ Box    ▲ Bottle    ▲ Catheter    ▲ IV bags    ▲ Frozen items

### Specification

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Dimensions        | 750(W) X 580(D) X100(H)mm                                                         |
| Weight            | About 100~150kg (Varies to module configuration)                                  |
| Operating system  | PC, Embedded board                                                                |
| Power supply      | 100V-240V, 50/60Hz<br>(Refrigerated module is a separate power supply 220V, 60Hz) |
| Power consumption | MAX. 125W (Varies to module configuration)                                        |

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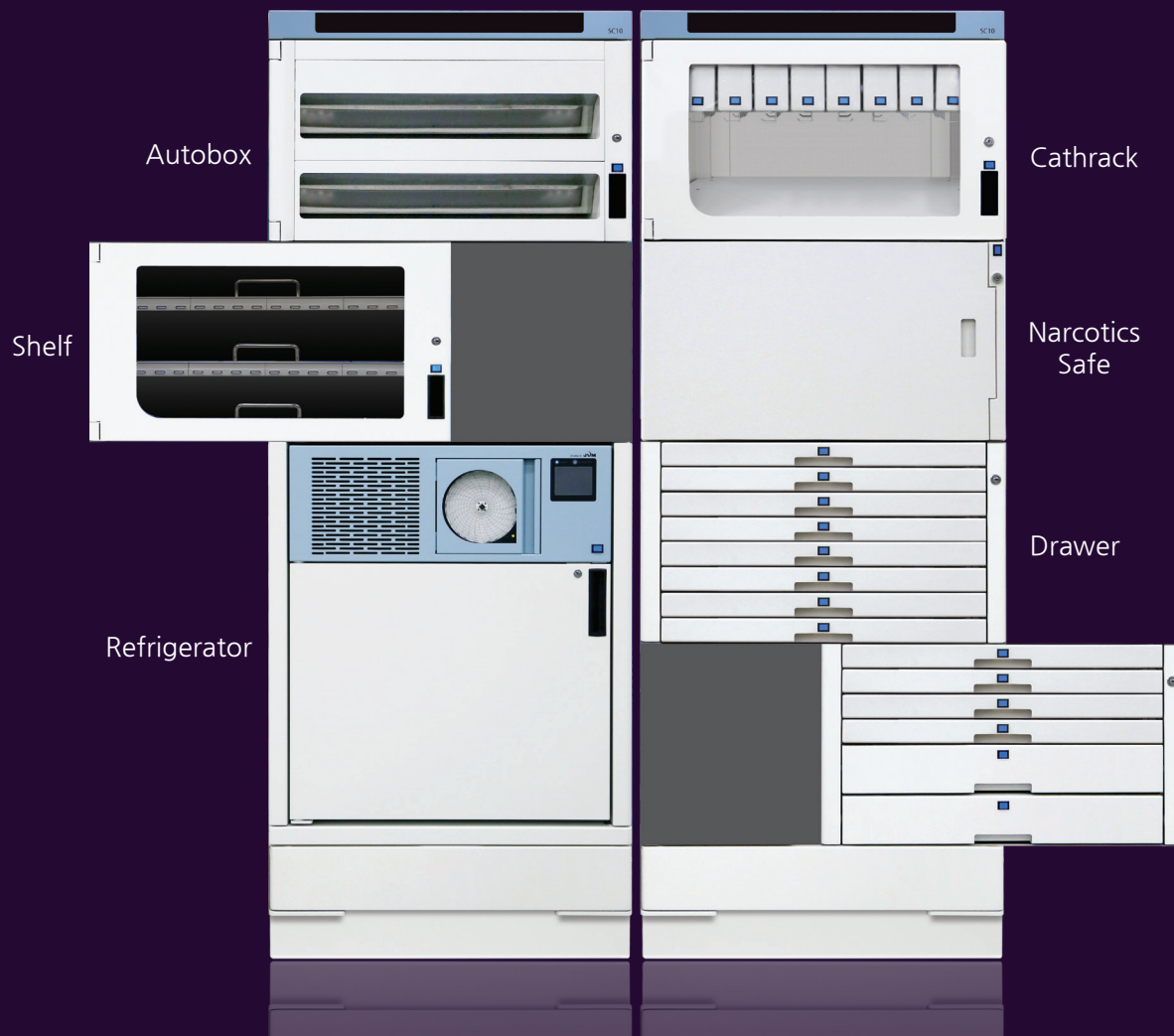
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# MODULE

SC modules can be chosen configured with 6 types for medication and item storage and user environment.



MODULE

# Autobox

The module with Autobox which dispenses stored meds automatically

Able to dispense ampule, vial, pouch, syringe and PTP medications automatically. It dispenses only required medicine with correct quantity for control medications such as narcotic, psychotropic and high cost medications. Only authorized user can open the Autobox so it provides accurate and safe management environment.



Autobox item dispense



Autobox Module item dispense

MODULE

# Narcotics Safe

This is a special unit with double lock mechanism to store items which need special attention / control such as drugs and narcotics.

To open the door, the user has to read his/her finger vein for the primary authentication. Then, he/she is required to enter the password to open the door. This secure locking mechanism helps to securely manage special medicines (drugs, narcotics, expensive items) with ease. There are two types to choose from: autobox and drawer.



Double locking door



Recording of final dispensing

## MODULE

# Drawer

Individual automatic locking cells are included so it can store appropriate sized medications and items.

Only opens a cell that contains required medications and items accurately and safely in accordance with prescription so it is efficient to manage the control medicines such as narcotics, psychotropic and high cost medications.



Matrix Drawer



Fixed Locking Drawer



Lighted Matrix Drawer



M Box Drawer

## MODULE

# Shelf

This shelf type module can accommodate various types of items and clinical materials.

Choose from three types: Slide, Bin, and Counting. Slide type is for accommodating large quantity of items whereas Bin type is for storing items in a designated container. Use the Counting type if you want to know the total count of items dispensed. The location of the dispensed (prescribed) item is identified through the shelf LED.



Auto Counting Shelf



Slide Shelf



Bin Shelf



All shelves can be a tilting type if necessary



## MODULE

# Cathrack

Module for control of long medical instruments.

Items are hung on the hook to store and they can be clearly visible for convenience. The location of the item is identified through the shelf LED.



Single rack



Double rack

## MODULE

# Refrigerator

Medications and medical supplies to be cold-stored are to be kept in this module

Module for refrigerate medications and medical instruments which allows temperature control. In accordance with the items, Drawer and Shelf type are available to choose. (temp control 0~15℃)



Locking Drawer Refrigerator



Bin Shelf Refrigerator

# Autobox

PART

Unit to dispense medications and items automatically.  
(for DCH, DC and SC Auto box module)



# Ampule & Vial

PART

14 Autobox kinds are available for variable size of ampule and via.

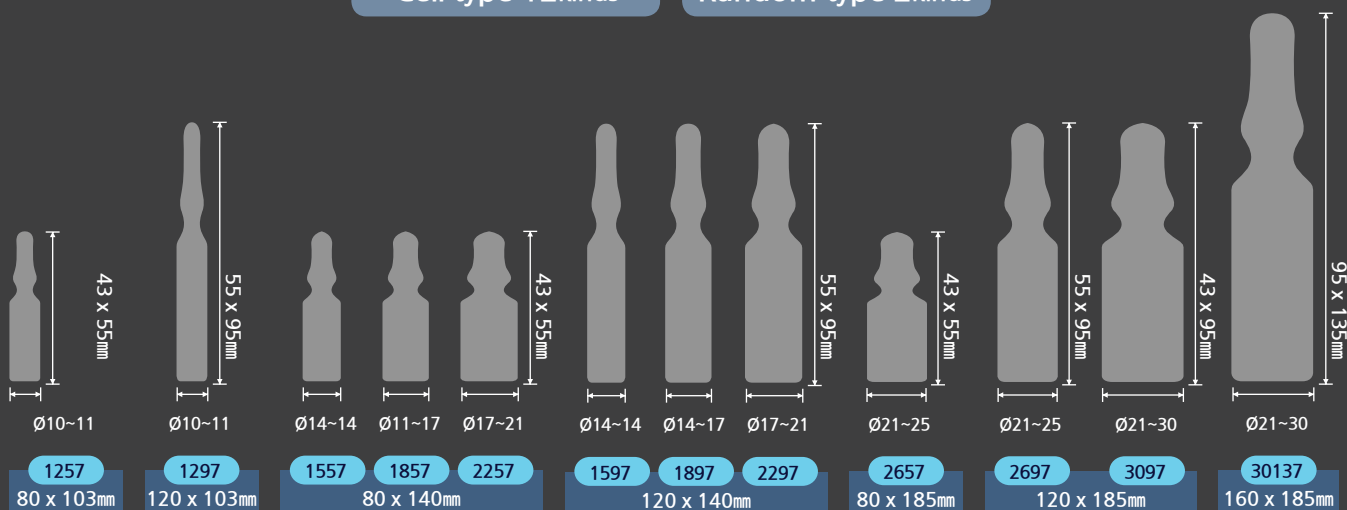
1257 Autobox number 80 x 103mm Autobox size (W x H)



Cell type 12kinds



Random type 2kinds



※ Size of Autobox is based on width and height, Depth(255mm) is all same for 14 kinds of Autobox.

※ Product exterior and specifications are subject to change due to the company's research and development results without any prior notice.



# Pouch PART

## Autobox for pouch

|                          |                  |
|--------------------------|------------------|
| Capable pouch size       | 75 x 55mm        |
| Quantity                 | 20EA             |
| Autobox size (W x D x H) | 80 x 255 x 103mm |

※ Product exterior and specifications are subject to change due to the company's research and development results without any prior notice.



# PTP PART

## Autobox for PTP

|                          |                   |
|--------------------------|-------------------|
| Capable PTP size         | 35 x 15mm         |
| Quantity                 | 30EA              |
| Autobox size (W x D x H) | 120 x 255 x 103mm |

※ Product exterior and specifications are subject to change due to the company's research and development results without any prior notice.  
 ※ This product is due for release.



# INTIPharm VMS

## Video Management System

The system can track and trace the status of restored items by video recording and saving users events.

Search by Medication



Search by User



Search by Patient



Search by Equipment



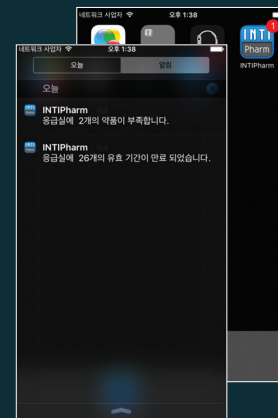
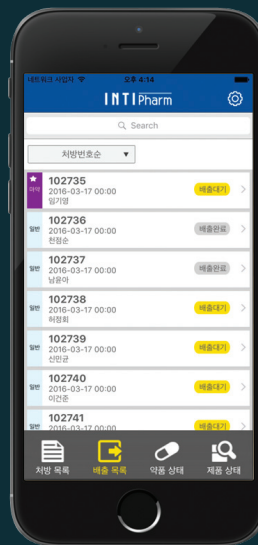
Search by Event



# INTIPharm Mobile

## Mobile checking system

The system can check prescription information, administration, inventory status via mobile in real-time.



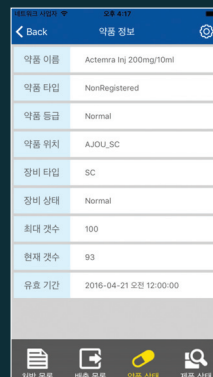
Real-time dispensing alert



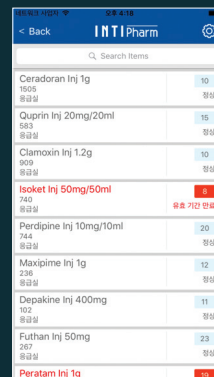
Search dispensing list



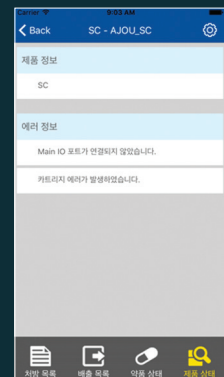
Check item inventory



View item details



Search all items



Check item status

