



Innovative technologies, products and services to improve human life.

Robotic Unit Dose Cutting & Repacking System

The UNIBOT is the robotic system, designed and manufactured by APD, for packaging in unit doses format in a fully automatic way, supporting the optimization of the resources used in the Hospital Pharmacy.

- The UNIBOT offers the hospital pharmacist a truly reliable, fast and proven system for the automation of the cutting process of barely any type of blisters, ampoules and vials and its later packaging, with full guarantee of the traceability of the entire process.
- The Automatic repackaging in unit doses simplifies the production of the medication pouch and guarantees their identification by means of a unique code, thus eliminating the error of administration to the patient



Highlights

- Automatic identification function of blister packs, vials and ampoules (using 1D/2D barcode reader and /or RFID reader).
- Cutting of the blister pack and packaging of the units in order to maintain at all times the conservation condition and expiration by the manufacturer.
- Integration with the Medicines Catalog and Active Directory of the Hospital.



1. Robot loading



2. Software configuration



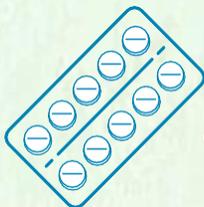
3. Identification and cutting



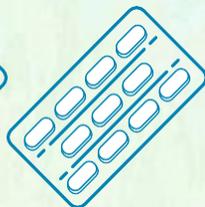
4. Unitdose packing

The only robotic **automatic cutting and repacking system** for any format available in the Pharma industry.

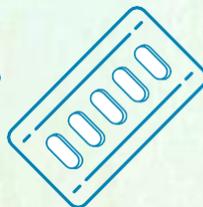
Supported blister formats



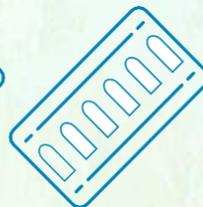
Regular Distribution



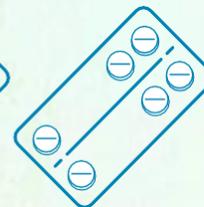
Alternate Distribution



String Type Distribution



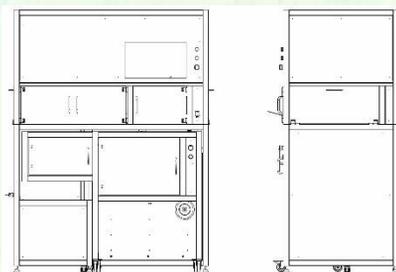
Semi-rigid Distribution



Asymmetrical Distribution

Technical Specifications

Exterior dimensions:
 1520 mm (Width) x 900 mm (Depth) x 2000 mm (Height without wheels)
 Weight 150 Kg
 Supply voltage 220 Vca
 Interface with auxiliary cabinet XLR-7S / RS-232IRS-485
 Integration with Pharmacy HIS / HL7 Protocol





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