

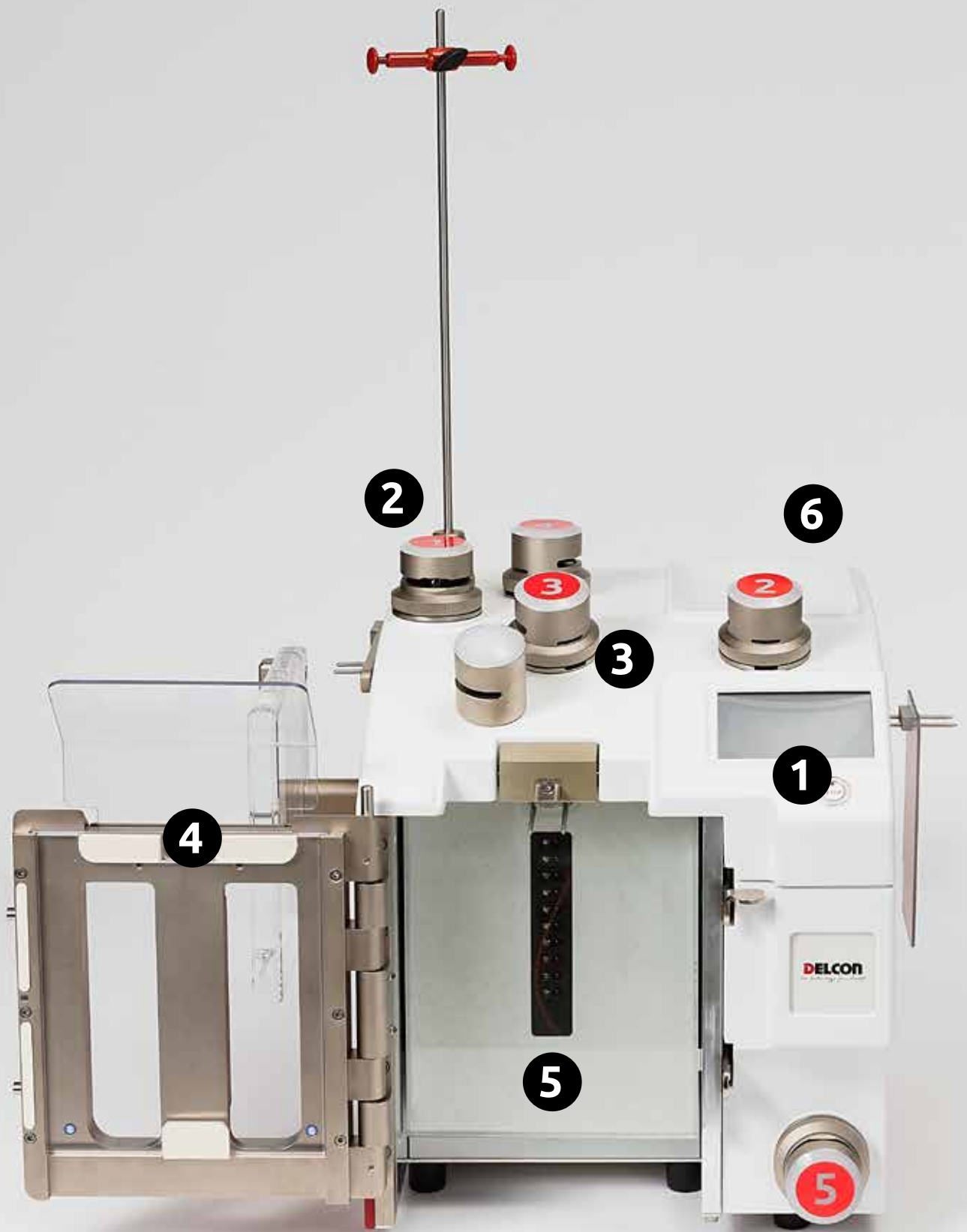


# Giotto **M O N Z A**



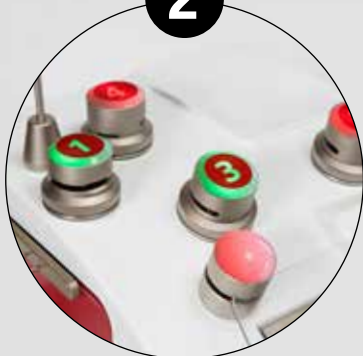
**DELCON**

*Our technology Your health*



# KEY FEATURES

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**1. Graphic Touch Display** with a redesigned, icon-based user experience and a powerful animated monitoring interface.

**2. Multicolor Clamps** are a crystal clear guide to detect and solve any alert.

**3.** Clamp3 is an adjustable **flow control**.

**4. Integrated Splash Guard** and **protected press** area, for the safety of the operator. Smooth, everlasting glass presses are durable and easy to clean.

**5.** Hi-res **optical sensors** in main press ensures a precise and programmable buffy coat level.

**6.** Up to **4 embedded antennas** for **RFID tags**, for different bags in the kit, in order to read and write data without any operator action.

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**7. Maximum flexibility**, up to 5 clamps, 2 presses and 4 scales

8



**8.** Optional **sealer**, **barcode reader** and second **lateral press**.

## Glass press plate

The new **glass press plate** ensures parallel faces, highly standardized behaviour and remaining volume.

The level of transition layer is precisely controlled by **10 optical detectors** that allow the fine adjustment of the final haematocrit.

The electronically controlled press motion ensures **precise settings**, such as setting the maximum safe pressure inside the bag, preventing turbulences.

## Advanced clamps

**5 leakage-proof** sealing clamps and in-tube optical detector are equipped with double optoelectrical tube detector and multicolour cap, for intuitive guide in bag loading.

Clamp 3 is a program controlled **flow-regulator**.

## Smart solutions for an easy workflow

Spring assisted door opening with wide hanging area, for **convenient bag placing** and shake prevention.

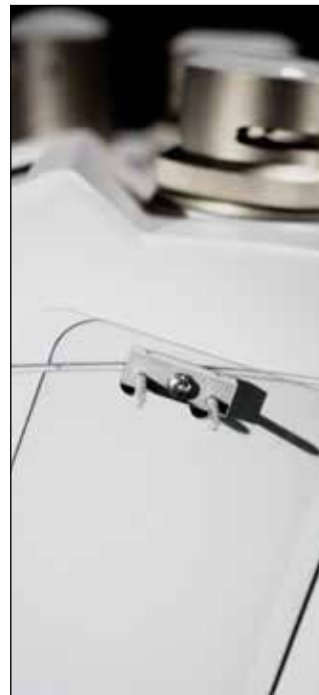
**Second press** (option), allowing air extraction, filter priming, fast AS transfer and other refined tasks.

Dedicated scales for the primary bag and for each satellite bag, with **real time active weighing**.

**See-through** press door, with interchangeable front plates, for special **customized** processes.

Primary bag holder suitable to **easy breaking** of most frangible cannulas.

Optical sensor for **precise colour change detection**. Standalone use of all sealing clamps and all scales, **supporting** laboratory work.



## Networking Giotto-Monza is an ultimate solution in full process traceability

**Internal memory** to store up to 1000 procedures data, with possible USB-stick transfer to PC

**CCD or laser barcode reader** (option) for data acquisition and management with format check

**Bidirectional Ethernet** and **RS485 serial network connections**, for comprehensive device configuration as well as for real time data transfer to new SDMX dedicated software, ensuring **backwards-compatible** connection to old networks

**Wi-Fi** (option) for high speed bidirectional wireless network, using market standard IT infrastructure

**RFID** (option) with **embedded antennas** for read-write data, completely transparent to operator

**SDMX software** performs program editing for configuration and for fine-tuning, is the data base of process data, manages the work-list for **bidirectional mode**, is the network monitor with on-screen, on-file and on-paper **customized reports**, exchanges data with **LIMS** (Laboratory Management Software), and can even manage a local label printer merging text and barcodes "in progress".

**Giotto Monza can deliver several information to SDMX for each extraction procedure:**

- Serial number and ID of Giotto
- Number/Description of the performed Program
- Net weight of extracted PL (plasma)
- Net weight of packed RBC
- Net weight of Buffy Coat
- Net weight of Whole Blood
- Net weight of transferred AS (ie. SAGM)
- Net weight of PL transferred into BC bag for dilution
- Net weight of PL transferred back into the main bag
- Net weight of PL extracted into other satellite bags
- Net weight of Platelets Concentrate
- Extraction date/time/duration
- Error codes if any
- Tens of different custom codes, either as barcode or RFID Tags



**Ethernet Connection**  
through common ethernet switch



**RS485 Connection** through  
network adapter and USB port



**Wi-Fi Connection** through access  
point and ethernet port

## Technical Data Sheet

### Technical Data

|                    |   |
|--------------------|---|
| Dimensions:        | W x D x H: 330 mm x 430 mm x 430 mm (13 in x 17 in x 17 in)<br>H +300 mm (11.8 in) for the vertical rod |
| Weight:            | 38 kg (83.8 lbs) without accessories  |
| Power supply:      | 100-240 VAC, 50-60 Hz   |
| Power consumption: | 300 VA  |
| Fuses:             | 2 x 3.15AT  |

### Optical features

|                  |  |
|------------------|--|
| Optical sensors: | 1 top sensors (OPT1) + 10 front sensors (OPT2)<br>Class 1 equipment with LED, invisible infrared radiation, maximum power emitted :<br>< 1mW, Wave length : 880 nm |
| Display:         | 4.3 inches color TFT-LCD 480x272 pixel with resistive touchscreen  |

### Separation features

|                          |   |
|--------------------------|---|
| Clamps:                  | 5 with integrated sealers including 1 with Integrated Flow regulator for simultaneous separation of T&B systems |
| Weighing scales:         | 4 integrated (+ 1 optional external scale) accuracy on read value +/- 3 grams (0.11 oz)                         |
| Alarms:                  | Audible and visual (bicolor)  |
| Average separation time: | 1:30 min in T&T system - 2:30 min in T&B system   |

### Data Storage

|                  |   |
|------------------|---|
| Program memory:  | Up to 50 programs - 16 preloaded programs for the most common separation procedures |
| Internal memory: | 1000 separations files  |

### System Requirements DMSX remote software

|                   |   |
|-------------------|---|
| Processor:        | Intel Pentium 4 processors or higher                                    |
| Ports:            | 1 port USB (plus adapter RS485) or 1 port Ethernet or WiFi 802.11 b/n/g |
| Memory:           | 4 GB RAM – 256 MB of free space on the Hard-Disk                        |
| Resolution:       | 1024 x 768 minimum resolution, 16 million colors                        |
| Operating System: | Windows Win7, Win 8, Win 10 (Microsoft .NET Framework 4.5 required)     |

## Accessories

|              |  |
|--------------|--|
| 9MPS040      | External scale with tray   |
| 9MPS070      | Network cable (to connect MPSmart to another MPSmart)                              |
| 9MPS063      | RFID Barcode reader  |
| 9MSC10019672 | Standard barcode reader: MacoScan  |
| 9MSC10007949 | MacoScan cable   |
| 9MPS090      | Label printer  |
| 9MPS050      | Sealing handle with 2 m cable  |
| 9MPS095      | Splash guard: transparent cover, flag type, to be installed on the door of the MPS |

## Connections

|           |   |
|-----------|---|
| Ports:    | 2 ports RS485; 1 port Ethernet; 1 port USB    |
| Wireless: | WiFi 802.11 b/n/g, integrated RFID (optional) |

## Regulation

|                              |                                       |
|------------------------------|---------------------------------------|
| CE marking                   | Complies with MDD 93/42/EEC – Class I |
| North American certification | Certified cTUVus                      |

## Condition of use

|                    |   |
|--------------------|---|
| Temperature of use | From +10°C to +35°C (From +50°F to +95°F) |
| Relative humidity  | From 30% to 85% without condensation      |

## Condition of transport and storage

|                        |  |
|------------------------|--|
| Temperature of storage | From +10°C to +40°C (From +50°F to +104°F) |
| Relative humidity      | From 10% to 95% without condensation       |





**GIOTTO MONZA**  
IS THE NEXT GENERATION DEVICE,

IT MEANS STANDARDIZED BLOOD COMPONENT  
PRODUCTION, EFFICIENT WORKFLOW, SAFETY FOR  
OPERATORS AND MINIMUM WASTE.

WITH A FRIENDLY INTERFACE.



REV.02 - 2017

For ordering and technical information, please download the full DataSheet from our website.



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