

GRIFOLS
ENGINEERING
WE
KNOW
HOW



PBS
PLASMA
BOTTLE
SAMPLING

GRIFOLS



PBS

PLASMA BOTTLE SAMPLING

THE PLASMA BOTTLE SAMPLING (PBS) IS A PATENTED SYSTEM, DESIGNED AND MANUFACTURED BY GRIFOLS ENGINEERING. IT PROVIDES ADDED ACCURACY AND SAFETY DURING MANIPULATION OF PLASMA SAMPLES.

- BARCODES PROVIDE TRACEABILITY THROUGHOUT THE SAMPLING PROCESS.
- SAMPLE TUBES CAN BE FILLED ONLY WHEN THEIR BARCODES MATCH THE BOTTLE'S BARCODE.
- CANNULA MUST BE REPLACED WHEN THE BOTTLE IS CHANGED. THE CANNULA HOLDER FORCES THE REPLACEMENT, THEREBY PREVENTING POSSIBLE SAMPLE CROSS CONTAMINATION.

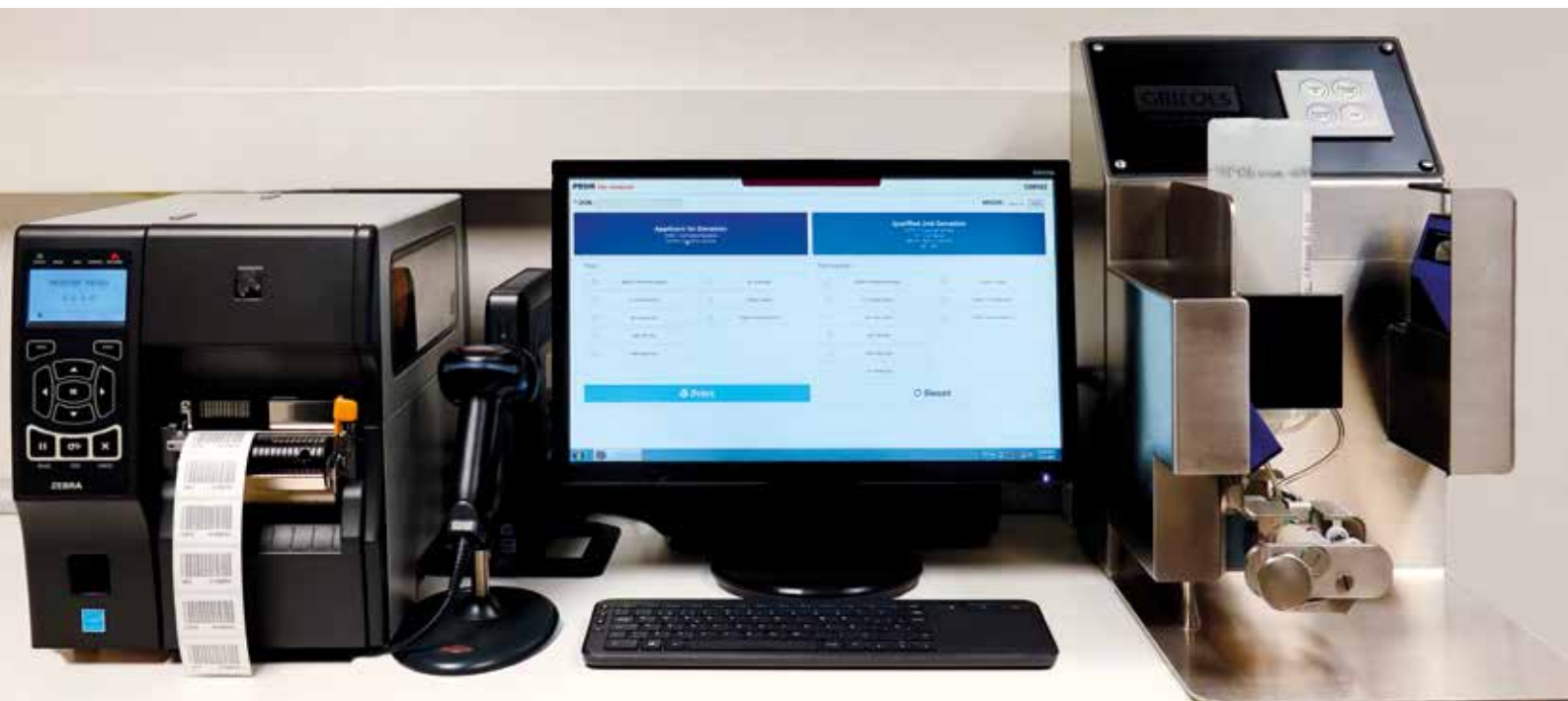
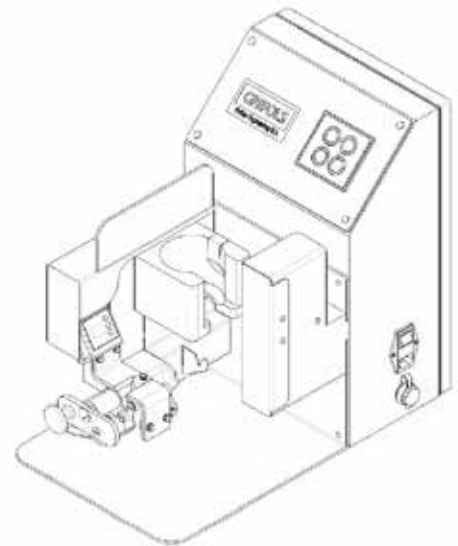


COMPONENTS

PBS Machine / PC (PBSM software manager) / Printer (Zebra) / Manual Scan reader

FEATURES

1. Automatic scan with Plasma bottle barcode reader.
2. Automatic scan with Vacutainer™ barcode reader.
3. Plasma bottle holder in inverted position.
4. Electromagnetic locking system for the insertion of the Vacutainer™ to ensure matching of the plasma bottle to the Vacutainer™.
5. Power supply plug with switch and Ethernet port.
6. Push-button panel with: mode, alarm, time, indications.
7. Vacutainer™ and cannula holder system:
 - Vacutainer™ holder for the plasma manual transfer
 - Control the insertion of the Vacutainer™ with the cannula needle.
 - Control system of the plasma transfer with sensors for each position: home, matching and filling.
 - Ensure the Vacutainer™ does not remain within the cannula once the Vacutainer™ holder system moves manually back to home position and finish the cycle.
8. Barcode sample label printer.
9. Manual Barcode reader for reprinting or special needs.





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