

HORIBA
Medical



HEMAPREP

Automated Blood Smearing

Yu & Mi
Hematology solution

Hemaprep

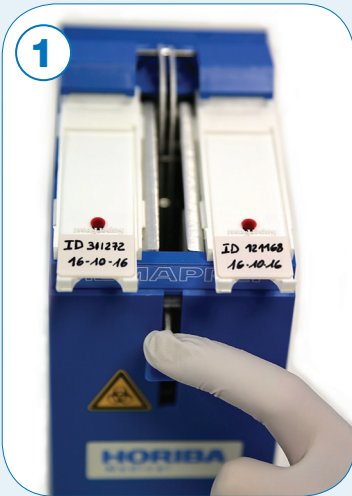
Automated Blood Smearing



- **Easy to use**
Enables personnel with little experience to produce high quality smear
- **Economical**
No power source needed
- **Versatile**
Prepares smears for routine and special hematology
- **Portable**
Totally self-contained, can be carried on a blood drawing tray
- **Time proven Reliability**
Used in hospital laboratories for over 20 years

Very **compact**, **clever** and **effective** for the **standardization of smear**

3 steps for 2 slides at once



Place the slide on the tray and the blood drops at target locations. Press down front lever with gentle force.

*The thickness and length of the smear are adjustable based on hematological parameters



The spreaders come in contact with the blood sample, and pull the blood gently* along the slide.



Remove slides, prepare for staining and review.

State of the art

The spreading of the blades is a delicate exercise requiring great dexterity by the laboratory staff. Due to this difficulties, manual smear quality varies from laboratory to laboratory and sometimes within the same laboratory.

The practice meets many criteria :

The smear should be regular and uniform represent 2/3 of the blade, being neither too thin nor too thick, without streaks or commas, with straight edges, without overflow ...

These criteria tend to favor the interpretation of cell morphology by providing optimum microscope reading area. This area should have cells without overlapping or lysed or distorted ...

A quality smear assure reading comfort for the biologist at the microscope. It's also a **prerequisite for the use of a digitalizer** (microscope assisted by computer). Automating the smear technique better meets the **accredited laboratory standardization needs** and contributes to the **accuracy of patient diagnostic results**. The Hemaprep is the smear automation solution available for all laboratories.



Operating IMS

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