

ZENDROPPER Cytogenetics



An innovative instrument for
karyotyping preparation on slides



ZenTech

ORDERING INFORMATION

Code : *H-GF-000*



Zendropper system includes:

- Automate
- PC Windows XP
- Software to operations
- Software of setting up options of user and instrument calibration
- Printer
- 1 rack for 40 slides

Indications

- The Zendropper is an innovative instrument which automatically prepares standard glass slides for karyotyping by distributing cells homogeneously on slides.
- The cells spreading methodology uses the "Water Layer" technology allowing to smooth external factors affecting cells spreading.
- This automate replaces manual steps by technicians in order to protect them from methanol and acetic acid vapours.
- The Zendropper automatically distributes cells on 40 slides in 25 minutes (i.e. 8 patients with 5 slides / patient).

Technical characteristics

Dispensation time for samples	3 minutes for 5 slides.
Extra washing needle solution	2 positions
Tube holder for samples	8
Racks	1 rack with 40 positions for slides
Dimension	79 x 61 x 61 cm
Weight	65 kg
Power requirement	230 or 115 VAC, 50-60 Hz, 500W

Features

- "Water Layer" technology
- Homogenous cells distribution
- High reproducibility from a patient to another
- Reliability of sample's spreading
- High automation distribution capacity
- Saving of time and rapidity of execution (25 min for 40 slides)
- Protection of technicians not exposed to methanol and acetic vapours of Carroy solution

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INSTRUMENTATION
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Zendropper software

The Zendropper software is a friendly and easy-to-use software designed by Zentech. It has been developed to be the interface between the user and the instrument by establishing the joblist, printing results, etc.

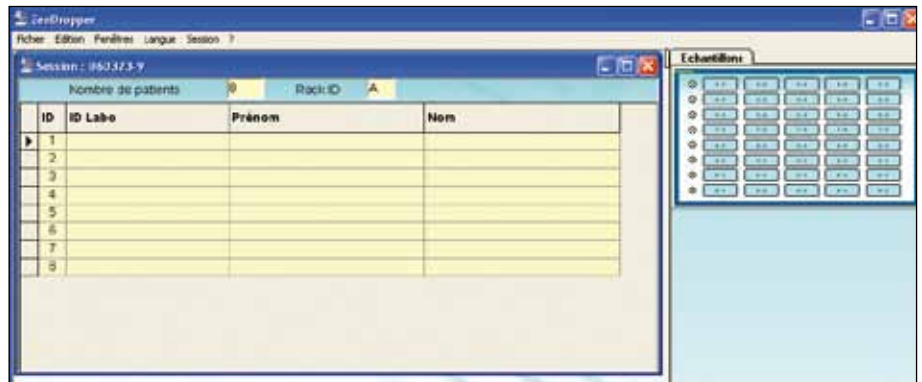


Figure. Exemple of new session

Ztoolbox software

The Ztoolbox software has been developed by Zentech in order to permit the adjustment of several parameters to manage ambiental factors interfering in the spreading quality of cells:

- The needle's sensibility and reference height
- Different distribution and aspiration parameters
- The hydraulic system's washing.

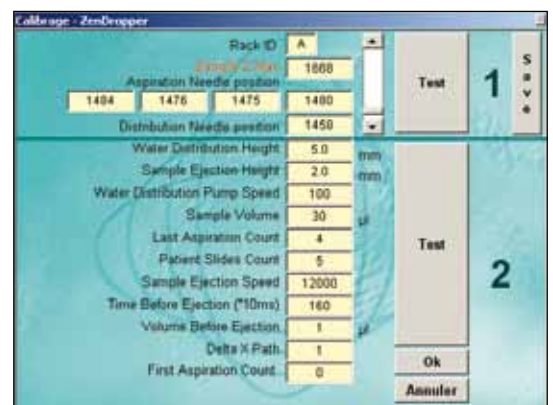


Figure. Exemple of Ztoolbox calibration's option

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