

Tube exchanger for the storage of biological samples

Available to license: a tube exchanger for the storage of biological samples.

IDIVAL has developed a device to enhance the transfer of test tubes/cryotubes from a rack/storage holder to another. It facilitates the manipulation and selective processing of a large number of samples, preserving samples location within the racks and reducing manipulation time.

Tube exchanger

Biobanks and clinical trials laboratories work with a large quantity and variety of samples. Some of them must be refrigerated under regulation and for the safety of the patients.

The manual transfer of tubes/cryotubes between racks is a tedious process which can imply accidental drop and lost of samples during the transfer process and furthermore, errors due to sample position change between racks.

The device we present allows the selective transfer of tubes between racks in a single step, making the transfer process quick and uncomplicated.

Competitive advantages

The main competitive advantages of the device are:

- Shortening of handling times.
- Decrease of the possibility of handling errors.
- Selection of samples to transfer.
- Transference of all tubes at once.
- Adaptability to test tubes size.
- Aid to ensure traceability.
- Simple, affordable and user friendly.

Supporting Data

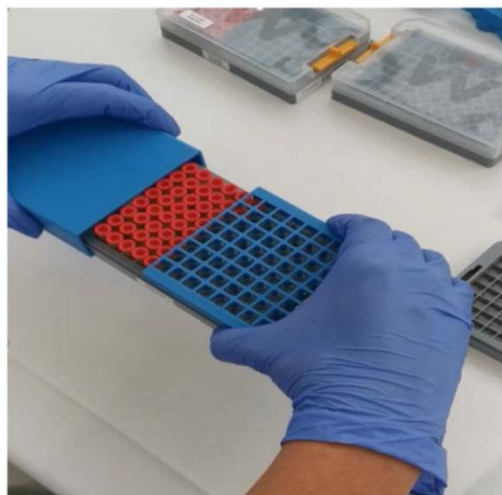
The device has been designed, developed and probed in real situations.

Market insight

This technology will be of interest to biobanks, clinical trial laboratories and any I+D laboratory in the private or public sector.

Patent Protection

An utility model covering this technology has been filed through Spanish Utility Model Application U202232155. IDIVAL would like to talk to companies interested in the fabrication and distribution of this device.



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