

# Системы транспортировки проб Tempus600

## Технические характеристики

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## Tempus600® Vita point-to-point transport of small clinical samples

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- Tempus600® Vita transports up to 810 sample tubes per hour
- The system is compatible with all sample tubes: Length 80 - 110 mm, diameter 12 - 18 mm
- Vita can be connected to analysis lines, sorters and bulk loaders
- Optional module for the orientation of the sample tubes
- With dimensions of (H x W x D) 157 x 38 x 41 cm, the sleek and minimalistic design takes up little space and fits in most areas.

The Tempus600® Vita sending station makes it easy to send clinical samples in single tubes straight to the laboratory. The system ensures that samples are transported specifically, directly and quickly without requiring collection or manual packaging steps. The samples are loaded into the Vita insertion point, transported through a  $\varnothing$  25 mm tube and received by the laboratory within a matter of seconds. The drastic reduction in total turnaround time for blood sample testing results in faster diagnoses and patient treatment.



## Tempus600® Quantit point-to-point transport of small clinical samples

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- High throughput of up to 1,250 samples per hour
- Transport of large quantities and urgent samples
- The system ensures the correct orientation of the samples
- Incompatible samples are automatically removed
- Dimensions (H x W x D) 124 x 63 x 49 cm

Tempus600® Quantit meets the requirements for sending several samples at the same time without packaging. Simultaneously and repeatedly, up to 25 samples can be placed in the drawer and the system sends the samples one by one. The samples are transported through a  $\varnothing$  25 mm tube and received by the laboratory within a matter of seconds. An optional urgent sample module can be added to the sending station. It allows users to access the system at any time and manually load urgent samples for immediate processing. Tempus600® Quantit has three different software settings, depending on usage patterns.



## Tempus600® Connection Module Connect to all automated lab equipment

- The Tempus600® Connection Module is compatible with laboratory automation systems, including bulk loaders, sorters and complete laboratory automation systems.
- Up to 8 connections
- An optional brake module can be added in order to increase sample throughput and ensure failure-free loading of the tubes, e.g. in fully automated systems
- Dimensions (H x W x D) 63 x 38 x 23 cm

The Tempus600® Connection Module is part of an automated one-touch handling system for sample tubes. The sample tubes are transported from the ward to the laboratory through the dedicated point-to-point system. The sample tubes are gently slowed down before landing in the automation module, instantly ready to continue the journey into a bulk loader, sorter etc. From there, they are automatically transferred e.g. to an analysis line.



## Tempus600® Receiving Tray Ensuring a gentle arrival in the laboratory

- The Tempus600® Receiving Tray has up to two connections
- The soft interior of the tray reduces the impact of the samples when they land
- The inside of the tray lights up when samples arrive and a lid prevents the incoming samples from falling out of the tray
- An optional brake module can be added in order to increase sample throughput and ensure failure-free loading
- Dimensions (H x W x D) 65 x 28 x 43 cm

The Tempus600® Receiving Tray is part of an automated one-touch handling system for sample tubes. The sample tubes are delivered from the ward to the laboratory through the dedicated point-to-point system and arrive in the receiving tray where they are collected. The Tempus600® Receiving Tray is used when the samples have to be received and handled individually in the laboratory.

## Tempus600® TM002 Control your Tempus600® devices on a user-friendly display

- Optional connection to a signal lamp indicating sample arrival
- Optional connection to a smartphone via SMS in the event of an error
- Languages: English, German and Spanish
- Optional communication with complete lab automation systems and sorters
- Dimensions (H x W x D) 27 x 32 x 5 cm



Tempus600® TM002 enables you to control and monitor your Tempus600® devices from one display and from any smartphone, tablet or desktop computer. The display has an intuitive user interface and graduated levels of access for users and technicians. The system is able to monitor up to 44 sending stations simultaneously and the software can be seamlessly updated online.

## Tempus600® Necto Ideal as a sorter for incoming samples

- No pre-sorting or manual handling of sample tubes required
- Sample sorting by means of barcodes, tube type, LIS or a combination of these
- A camera identifies the cap colour and tube shape
- Samples are intelligently routed to the waiting loop if there is no test order
- Safe, rapid and continuous operation

The Tempus600® Necto is an automated solution, delivering high throughput for receiving, collecting and transporting samples over long distances.



Benefits of the Tempus600® Necto solution:

1. Supports the automation of reception areas and in clinical laboratories that receive large volumes of samples.
2. Operates as a redistribution centre for samples sent from hospital departments via the Tempus600® system or conventional systems.
3. Can operate as a combination of the above systems.

The system can transfer samples to up to six different locations.

The capacity of the bulk compartment is around 600 small tubes and a throughput of up to 1,200 small tubes per hour.

The Tempus600® Necto is compatible with all sample tubes 80-110 mm in length and 12-18 mm in diameter (including the lid). Dimensions of the unit (H x W x D) 153 x 214 x 76 cm.

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