



Reliable. Gentle. Transport Fast.

Today, Window Techs is a formidable player in innovation and services in Healthcare sector. Now by joining hands with **HANAZADER** - An Austrian Company that specialized in **PNEUMATIC TUBE SYSTEM**, having more than 30 years of experience with large hospital Pneumatic Tube Systems.

The Safe seal carrier sets new standards with its extremely user friendly opening, its leak-resistance, and its possible use in automated loading and unloading devices. The completely reengineered design was influenced by hospital personnel and their needs for easier and faster manual handling of their carrier.



WINDOW TECHS

BRINGING LIGHT TO LIFE



AN ISO 9001:2015 &
ISO 13485:2012
CERTIFIED COMPANY



PNEUMATIC TUBE SYSTEM

TRANSPONET SAFE SEAL CARRIER INCREASES
WORK FLOW EFFICIENCY AND SUPPORTS
HIGH LEVEL OF HYGIENE

USEAGE OF PNEUMATIC TUBE SYSTEM

Laboratory Samples

To ensure high-quality laboratory samples, it is important that the samples are transported in stable conditions and brought quickly to the lab.

Adding modern individual controlling to the mix ensures a gently delivery of the pneumatic tube capsules, guaranteeing quality.

Moreover, the valuable time of qualified personnel is spared, since the samples do not need to be transported to the laboratory by hand.



Emergency Transportation

When every second counts, capsules have to arrive on site quickly and securely.

Emergency transport is therefore prioritized throughout the entire system and all associated transport data is stored in the software.

A special monitoring system informs the sender and receiver of the shipment status.

Shipments can also be tracked in real time with graphics.



Transport of Medication

Especially when transporting drugs like morphine, a high standard of security is mandatory.

By way of identification systems, such as RFID, magnetic cards or PIN codes for example, unauthorized personnel are restricted from sending or receiving goods.

A seamless documentation system keeps a record of the exact route that the medication travels up until extraction.



LABORATORY LINES

Since capsules are usually shipped and received with very high frequency in the laboratory, transporting these capsules quickly is of great importance.

A special multifaceted shipping line, directly connected to the distributor, allows the continuous transport of capsules to and from the laboratory, saving both time and space.

Instead of accumulating in the laboratory, empty capsules are quickly transported to the distributor

From there, they are automatically sent to your home without having to manually enter an address.

Incoming capsules are slowed gently and slide along a track.



SPECIAL REQUIREMENTS

A wide variety of hardware and software settings enable the delivery of critical goods such as blood samples, tissue samples or cytostatic agents.

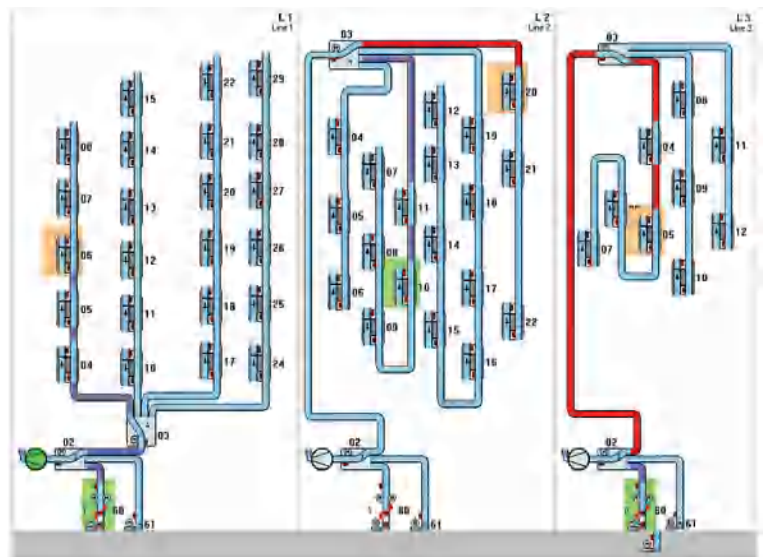
Each of these items has their own special requirements during transport.

Blood samples should be sent with as little chance of vibration as possible and at slow speed to avoid hemolysis.

Modern frequency transformer control allows the transport speed to be dynamically reduced from 6 m/s to about 3 m/s.

Emergency goods such as tissue samples are handled with priority in the system so they reach their destination as quickly as possible and without delay.

Cytostatics or morphine require a high level of security, which is given for example by authorization systems and lockable baskets.



HARDWARE PRODUCTS

Pass-Through Station

- Carriers can pass through, sent and received
- Receiving from above or below
- Pneumatic brake
- No air leakage from the station
- Metal housing in RAL7035
- open sending storage
- LCD graphic display

	Height	Width	Depth	Weight
NW 90-110	470mm	364mm	302mm	21kg
NW125-160	680mm	470mm	415mm	45kg



End station

- Carriers can be sent and received
- Receiving from above
- Pneumatic brake
- Metal housing in RAL7035
- Open sending storage
- LCD graphic display

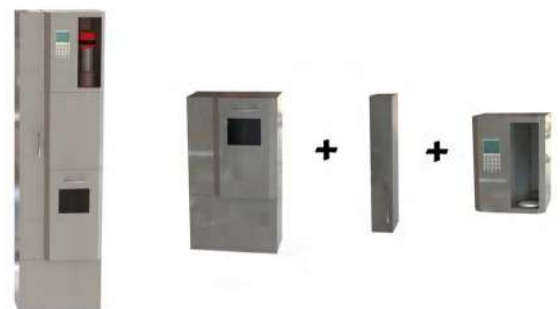
	Height	Width	Depth	Weight
NW 90-110	470mm	364mm	302mm	21kg
NW125-160	680mm	470mm	415mm	45kg



Modular Front loading station NW110

- Carriers can pass through, sent and received
- Metal housing in RAL7035
- Modular design
- Suitable for niche installation
- Lockable basket
- Carrier shelf- storage for up to 5 carriers

	Height	Width	Depth	Weight
MFS Stage1	1855mm	515mm	305mm	89kg
MFS Stage2	2340mm	515mm	305mm	110kg



Compact station

- Carriers can be sent and received
- Metal housing in RAL7035
- Pneumatic brake
- Open sending storage
- LCD graphic display
- Space-saving design

	Height	Width	Depth	Weight
NW 90-110	325mm	370mm	230mm	14kg
NW125-160	327mm	535mm	275mm	23kg



Sleeve station

- Carriers can be sent and received
- Field of application mainly in the cash handling sector

NW 90-110
NW125-160



Multi sending station

- Send up to 3 Carriers at the same time
- Metal housing in RAL7035
- Open sending storage
- LCD graphic display

	Height	Width	Depth	Weight
NW 90-110	572mm	322mm	240mm	15kg
NW125-160	800mm	466mm	360mm	35kg



Receiving station

- Receives several Carriers at the same time
- Metal housing in RAL7035
- Space-saving design
- Additional discharge chute for gentle receiving

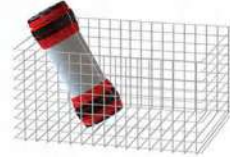
	Height	Width	Depth	Weight
NW 90-110	400mm	400mm	210mm	21kg
NW125-160	500mm	500mm	245mm	24kg



Frontloading NW 160

- Carriers can pass through, sent and received
- Simultaneous sending and receiving
- Metal housing in RAL7035
- LCD graphic display

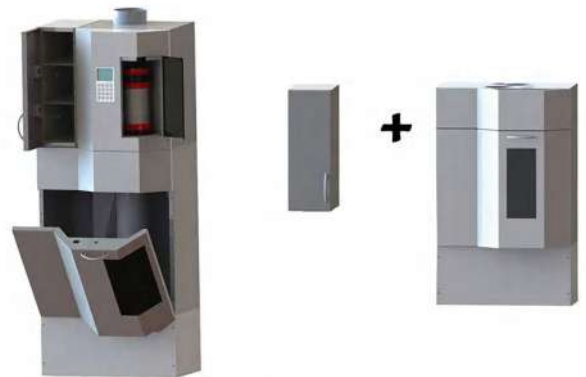
	Height	Width	Depth	Weight
FLS160	610mm	470mm	505mm	40kg



Modular Frontloadingstation NW 160

- Carriers can pass through, sent and received
- Metal housing in RAL7035
- LCD graphic display
- Carrier shelf- storage for up to 3 carriers
- Lockable basket basket

	Height	Width	Depth	Weight
FLS160 Stage1	1710mm	680mm	505mm	120kg
FLS160 Stage2	2320mm	680mm	505mm	140kg



Compact Central Transfer Unit

- Connects up to 4 Lines together
- Integrated CarrierStorage
- Space-saving design
- No additional control cabinet required

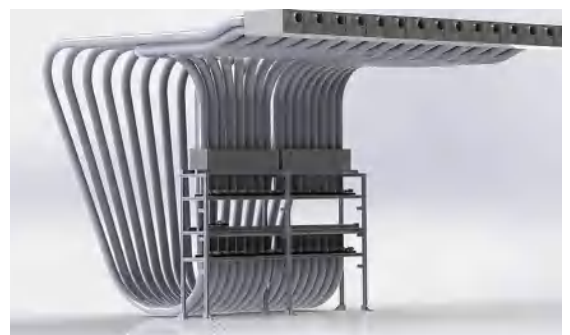
	Height	Width	Depth	Weight
KSV	910mm	805mm	410mm	71kg



Central Transfer Unit - CTU

- Connects up to 16 Lines together
- Integrated CarrierStorage
- Fast stepper motor
- intelligent Carrier-Distribution
- Speed is adapted to the transported goods

	Height	Width	Depth	Weight
KSV	910mm	805mm	410mm	71kg

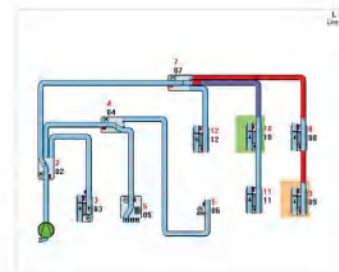


SOFTWARE PRODUCTS MC2000

VISUALIZATION AND CONFIGURATION

The entire pneumatic tube system is displayed via a graphic visualization system.

System components could be configured and changed graphically. All information on past and current transports is shown.



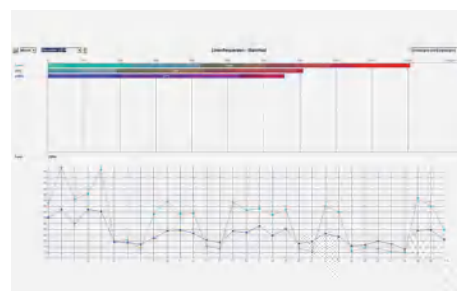
FIRE ALARM CONTACT

The purpose of a fire protection contact is to alert the pneumatic tube system in the event of fire. This capability is used to prevent fans from transporting smoke from the source of the fire to other rooms. The activation of a fire protection contact causes the entire system or parts of it to shut down. This significantly improves the safety of employees and personnel in the event of fire.



HISTORY & EVALUATION

An overview of all transport statistics are shown both via graphics and in a table-format. Ranges of statistics to be shown can be defined individually: daily, monthly, annually or for specific days. This feature gives you a glance at how the pneumatic tube system eases your normal work day.



IDENTIFICATION SYSTEM

The identification systems ensure that only authorised personnel can send and receive capsules. Furthermore, there are several security levels and these can be different e.g. for physicians and nurses.

An appropriate record is created each time a basket is opened.



REMOTE MAINTENANCE

Prime Techno Med Solutions service team will assist you in an emergency within the shortest time possible via remote access.



SPEED ADJUSTMENT

Different goods require different transport speeds.

The default speed is approximately 6 m/s, which has to be slowed for blood samples to about 3 m/s to avoid distorting laboratory results. Modern fan-speed controls allow for a dynamic adjustment of transport speeds.



E-MAIL, SMS OR PHONE NOTIFICATION

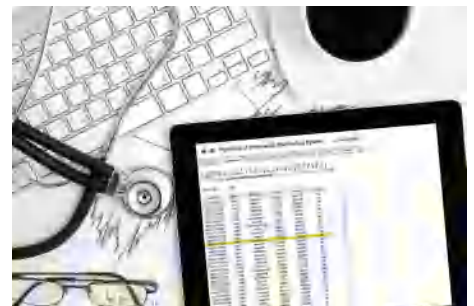
A notification can be sent to the user when a capsule has reached its destination. This message can be sent via email, SMS or over the phone.

In the event of a disruption, the responsible technician is notified about the problem via email or phone. This message may also include information regarding the location and cause of the disruption.



PIPEIDS- BROWSERBASED CARRIER TRACKING

Carrier tracking is available to every pneumatic tube user. The system operates via a web interface and does not require the rollout or installation of specialised software. It can be used immediately from every device on the network.



CARRIERS ACCESSORIES

SLIDE LID PTS CARRIER AD 108 / 110

Slide lid PTS Carrier AD 108 / 110

- Dual sided slide lip
- Usable with transponder technology
- A snapping of the slide lip ensures a safety transport

Tube Size (mm)	Loading Size (mm)
NW 108	330 x Ø76
NW 108	230 x Ø76
NW 110	330 x Ø76
NW 110	230 x Ø76

Colour options 



CARRIER AD110 FLATTOP

- Dual sided slide lip
- Usable with transponder technology
- Usable for automatic loading & unloading

Tube Size (mm)	Loading Size (mm)
NW 110	225 x Ø86

Colour options 



CARRIER AD160 FLATTOP360

- 360° rotatable slide lid on both sides
- Usable with transponder technology of various PTS producers
- Usable for automatic loading & unloading

Tube Size (mm)	Loading Size (mm)
AD 160	330 x Ø121
AD 160	230 x Ø121

Colour options 





THERMO BAGS

The thermic isolation helps to keep the probe temperature constant and thereby makes even more precise analysis results possible.

At the same time, the thermal pocket is shock-absorbing.

For temperature regulation, there is the additional possibility to add cold and heatpads.



TRANSPORT BAGS

These are used in different versions for the transport of sample tubes, with and without accompanying notes, as well as all kinds of small parts such as screws, electronic components, and much more.

The transported good is placed in the carrier with the transportation bag. The bag works shock-absorbing and prevents leakage of liquids.



FOAM INLETS

Foam inlets retain the probes from unnecessary shock through the tumbling of the sample inside the carrier.



VELCRO RINGS

Available for all well established carrier types



FELT RINGS

Available for all well established carrier types



CARRIER RETAINER

- Open carrier retainer for 4 / 5 carriers
- Closed carrier retainers



PAD RINGS & DRIVER RINGS

Available for all well established carrier types



RFID & TRANSPONDER TECHNOLOGY

Transponders and transponder technology expansion available for all well established carrier types







CATCH TRAY

- Grid tray
- lockable baskets



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