



In complex pneumatic tube systems with many stations, there is often a desire to give different priorities to different recipients or senders of pneumatic tube shipments. In the case of important blood samples that need to be transported from the emergency room to the laboratory, every second plays a crucial role. Here, it is particularly relevant that the pneumatic tube carrier with the samples arrives at the laboratory as quickly as possible. To avoid chaos and errors, you can work with our specialists to have your pneumatic tube system customized to your individual needs.

- **Faster delivery of time-critical shipments**
- **Different priority levels**

Priorities

But now from the beginning: What are priorities? A pneumatic tube carrier that is prioritized is processed by the system before another one, even though the latter was put into the system later. In this case, it is not the carrier that was placed in the pneumatic tube system first that wins, but the importance of the items decides their order. Thus, if two carriers are placed in two stations, the system prioritizes the one with the higher priority. If the priority of the two carriers is the same, it goes by chronological order.

Are you the person responsible for the pneumatic tube system and would like to receive comprehensive performance analyses on your plant? Our RT-Win4 pneumatic tube software, with extensive additional options, provides you with almost every insight required for a meaningful situation analysis. The pneumatic tube software is available for plants of type H61F.

Priority-Levels

There are different priority levels. The user has 13 different levels at his disposal. For example, the laboratory, the emergency room, the intensive care unit and the operating rooms are classified as particularly important.

Do the levels have to be set manually? No. Essentially, the priorities are permanently assigned to the stations when the pneumatic tube system is configured. In addition to the fixed priorities, there is the priority button on the station itself. Here, the employee can give the shipment an additional level. The shipment will then be given priority accordingly.

Advantages of priorities within a pneumatic tube system

- It is ensured that full pneumatic tube carriers have priority over empty carriers.
- Time-critical shipments have priority over other shipments. Examples of a time-critical shipment: tissue sample taken during surgery; blood gas measurement; unit of blood, for patient in emergency room.
- Priorities in the pneumatic tube system ensure that important pneumatic tube stations are free to be reloaded as soon as possible.

Technical background

In a pneumatic tube system, there are different lines and zones. In order to be able to send pneumatic tube carriers from one station in one zone to another station in another zone, there are so-called transfer stations. At Hörtig Rohrpost these are called revolvers. Usually, pneumatic tube mail items are processed chronologically in transfer stations. Due to the special shape of our revolvers, the higher priority carriers can overtake lower priority carriers. This makes it possible for time-critical shipments to reach their destination more quickly. In addition, the revolver provides a buffer for each pneumatic tube line.



The photo shows our revolver. This is usually housed in a technical room in the basement of the building.