



Catalog sheet

DSO 01B

Disinfection station with ford and turnstile

DSO 01B is a disinfection station with guard rails which, together with a turnstile and an ADR hand-disinfection unit (automatic hand disinfection), ensures hygiene and restricts access to the controlled area.

When entering the protected area, personnel cannot pass through without disinfecting their hands. The built-in system responds when both hands are inserted simultaneously into the unit, where an aerosol spray is applied automatically. Once the specified procedure is completed, the green indicator illuminates, the turnstile is released and the person may proceed. Sensors in both hand openings monitor correct completion of the disinfection procedure. If disinfection is not completed correctly (e.g. if the hands are withdrawn before the full disinfectant spray cycle is complete), passage through the turnstile is not permitted. The procedure must be repeated. The person may enter the controlled area through the turnstile only after the green indicator illuminates.

Passage through the turnstile in the opposite direction is not controlled.

The disinfection station with guard rails is designed for freestanding floor installation and has adjustable feet for levelling uneven floors. It is available in right- or left-hand versions according to the direction of passage.

The stainless steel ford with guard rails disinfects work footwear as personnel pass through the station. Its design allows the waste outlet to be routed above floor level. The footbath can be drained by removing the overflow. Removable gratings facilitate maintenance and cleaning.

The TRM 02 turnstile also has an automatic drop-arm function. In the event of a power failure, the arm drops to the vertical position. It must be returned to its original position manually (the turnstile must be energised).

The unit is manufactured from AISI 304 stainless steel and must not be operated in chemically aggressive environments. Cleaning products containing chlorine must not be used. WÜRTH products for stainless steel care are recommended.

The canister with disinfectant is not included in the delivery.





Complete delivery

- Stainless steel ford with guard rails
- Electromechanical turnstile
- Hand disinfection unit
- Adjustable feet

Available variants

- | | |
|-------------------|---|
| • DSO 01B.1P.1250 | Stainless steel disinfection station, right-hand, 1250 mm |
| • DSO 01B.1L.1250 | Stainless steel disinfection station, left-hand, 1250 mm |
| • DSO 01B.1P.915 | Stainless steel disinfection station, right-hand, 915 mm |
| • DSO 01B.1L.915 | Stainless steel disinfection station, left-hand, 915 mm |

Technical details

- | | |
|--|--|
| • Maximum unit capacity | Approx. 10 persons per minute |
| • Power supply | 230 V, 50 Hz |
| • Power consumption | Standby 3 VA
Dispensing + passage 45 VA |
| • Electrical section protection rating | IP 55 |
| • Waste outlet | DN 40 |
| Bath volume with the water level (from an external source) approx. 1 cm above the grating: | |
| | 45L version 1250 |
| | 30L version 915 |
| • Recommended disinfectant: | |
| Consult the disinfectant supplier when selecting a suitable product. Do not use chlorine-based agents or products that may adversely affect the stainless steel cladding or internal plastic pipework. | |
| • Weight | 196 kg - DSO 01B.1P.1250
196 kg - DSO 01B.1L.1250
168 kg - DSO 01B.1P.915
168 kg - DSO 01B.1L.915 |

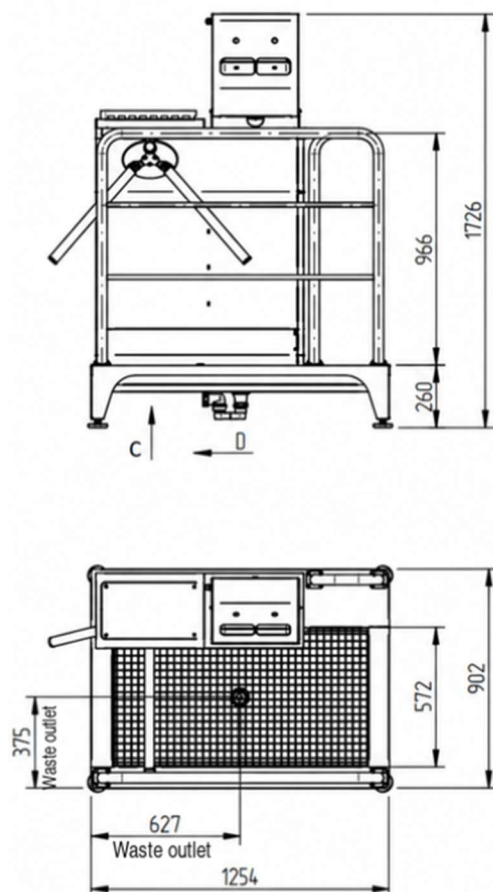


Construction readiness requirements

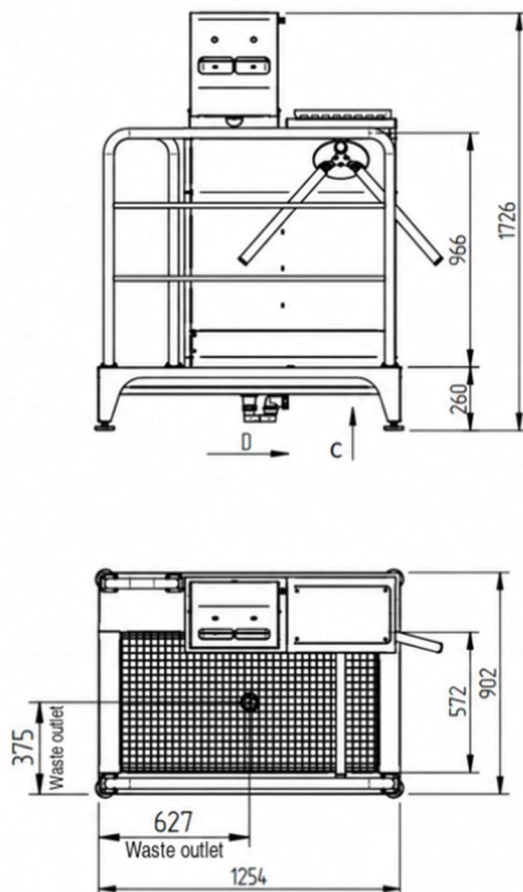
- Set-up waste outlet connection to a swivel tray-type siphon DN 40.
- Set-up cable for power supply: 230 V/50 Hz, 3x 0.75 mm² (minimum), separately protected by an external 1f circuit breaker rated at 2A.

Diagram

1227101020 DSO 01B.1P.1250



1227101030 DSO 01B.1L.1250

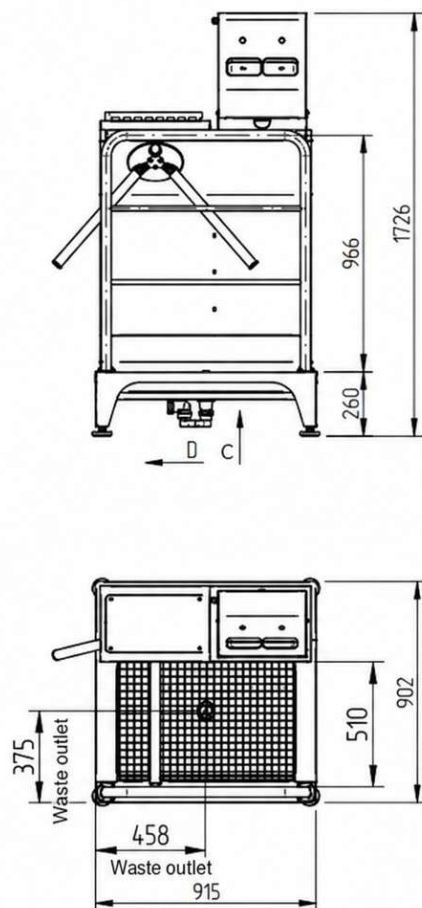


C – power supply 230V, 50Hz

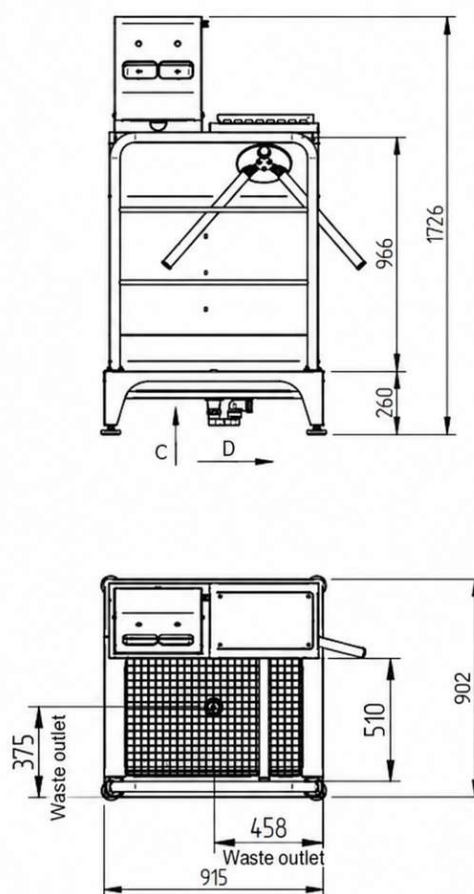
D - Waste outlet



1227101040 DSO 01B.1P.915



1227101050 DSO 01B.1L.915



C – power supply 230V, 50Hz
D - Waste outlet