



HIGH SECURITY TUBESTILE (MANTRAP)

Model TBS 2000

An ISO 9001:2000 Company



Tubestile offers the highest security for environment that is susceptible to theft & sabotage. It is a full height turnstile with a two stage security check giving maximum protection.

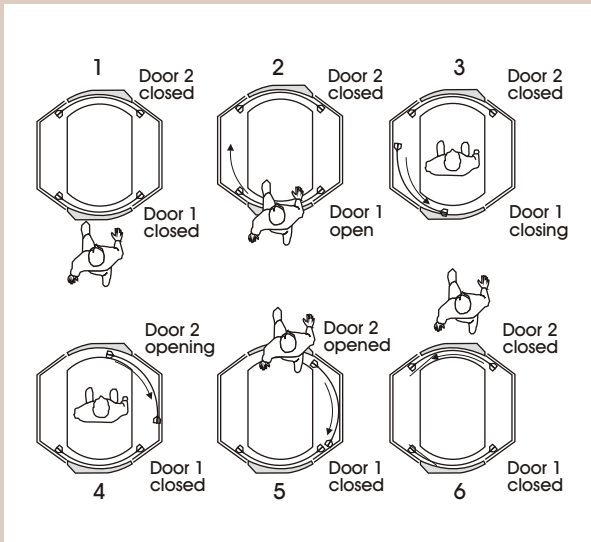
Application Areas /Users:

Servers Rooms, Clean Room, R & D facility , Strong Room, Sensitive Manufacturing Facility, Credit Card manufacturing, EMV Compliant Setup.

Features:

- Compact Design (Limited floor space) at affordable price.
- Mild Steel powder coated frame with polycarbonate/glass glazing.
- Drive: Motorized at 12/24VDC.
- Internal & semi-external installation.
- CE Approved.
- Microprocessor based intelligence.
- Automatic operations.
- Interlock Doors: Clear opening is never presented, for ensuring highest level of security.
- Dimension: Diameter 1000mm and height 2200 mm
- Weight sensing and IR sensor for prevention of multi person entry.
- Bi-directional control
- Normally Locked mode
- Smooth and silent operation
- Passage confirmation available
- Third party access control integration.
- Through put 4 to 5 persons per minute





SPECIFICATIONS:

Dimension Outer : 1170 x1145 x2430mm(Lx W x H)
 Inner : 920 x 600 x1930mm (Lx W x H)

Walkway Passage: 600 X 1930mm (L x H)

Power : 230 VAC +/- 10% , 50Hz
 Single phase
 Current
 During Standby : 500mA at 230 VAC
 During Operation: 1A at 230 VAC

Construction : Mild steel Powder coated
 Stainless Steel cladding optional.
 Door material Polycarbonate (5mm)

Traffic indicator GO / Stop indicator provided at both side.

Input : PFC from access control panel.
 PFC for emergency operation.

Output : Feedback to indicate completion of transaction.
 Multiple persons /overweight /
 Tubestile is not vacant.

Operating Temperature : upto 50 degrees C.

Humidity : 90% RH.

Operation: Doors are locked in rest position. Authorized signal opens first door allowing the user to step inside. Presence is detected by weight sensing and IR beams. First door than closes and second door opens. The second door closes once the unit is vacated and reset the system.

Walkway passage 600 x 1930mm (L x H)

Traffic Integrator (GO/STOP) Indicators provided at both sides.

Internal illumination.

- Door Material Polycarbonate (5 MM)
- Emergency Exit In case of emergency both doors are opened.
- Display LCD display to indicate actual weight of user (inside the booth).
- Integration With any access control devce/panel/reader (PFC of one second pulse required).
- Power Off Fail safe mode. Both doors can be opened manually.
- Sensors Infra red sensor provided to detect multiple person.
- Weight Sensor Located within the floor space recognizes more than one user inside the booth (If its exceed already programmed weight) Excess weight will cause alarm and first door will remain open.
- Photo Electric Sensors It monitors the volume of the user, who must stand in the correct position in order to be authorized.



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Entrance Control Systems, Metal Detectors, Perimeter Protection, IP CCTV, UVSS, Spike Barrier.

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