



TS-F-300 FLAP BARRIER

Introduction:

TS-F-300 Series Flap Turnstiles are robust products designed to provide pedestrian access control in areas requiring a moderate level of security. With its compact design, controlled obstacle movement is provided by a brushless DC motor, and the encased design provides a perfect solution for tight installation areas. Encoder and PLC are handled with security features such as anti-tailgating and anti-pass back, with five pairs of optical sensors embedded in the turnstile case, which ensures some of the highest reliability available in the market and a remarkably long life even in cases of intensive usage.

TS-F-300 Series Flap Gates are the perfect solution where design, aesthetics and passage speed are important.

Application:



School/College



Airport



Metro



IT Companies



Government Offices



Factories

Access Control System(Optional)



Swipe Card

Access is controlled through authorized swipe cards, ensuring secure, reliable, and efficient entry management.



Iris Recognition Access

Secure, contactless entry using unique eye-based identification for high-level safety and fast access control.



Fingerprint Recognition Access

Secure entry using authorized fingerprint authentication for fast and reliable access control.



Coin / Ticket Access System

Entry is allowed using a valid coin or ticket, providing a simple and controlled access solution for managed entry points.



Face Recognition Access System

Secure and contactless entry using authorized facial identification for fast and reliable access control.



Manual Operation

Gate can be opened manually using wired or wireless controls for convenient entry management.

Features:



Reliability

The Technospacio Flap Barrier features a durable alloy steel flap hub and SUS 304 stainless steel construction for long-lasting performance. Its energy-efficient electromagnetic locking system, self-lubricating compact mechanism, and high-quality electrical components ensure reliable, smooth, and maintenance-friendly operation.



Safety & User-Oriented Design

The Technospacio Flap Barrier ensures safe and convenient access with anti-pinch protection, smooth flap operation, and clear LED direction indicators. Its user-friendly design supports seamless integration with RFID, biometric, face recognition, and QR code access systems.



Easy Integration

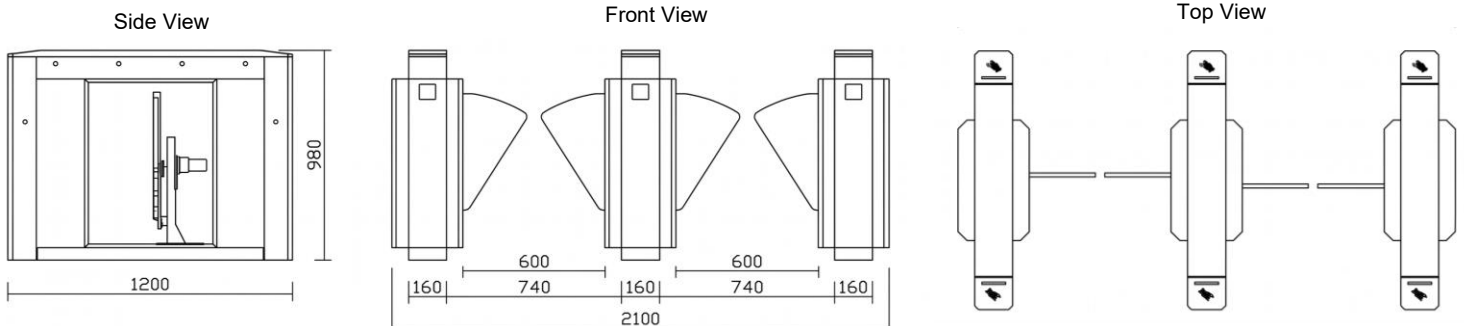
The Technospacio Flap Barrier is designed for seamless integration with third-party access control systems. Its flexible reader mounting options, standard electrical interfaces, and spacious internal design enable quick and efficient installation of RFID, biometric, QR code, and other authentication devices.



Integration Service

Technospacio provides factory-level integration services with all boards and peripherals pre-installed, ensuring full system compliance and reliability. The turnstile is delivered ready for use—just plug in and complete the setup. This simplifies installation and helps reduce overall installation costs.

Dimensions(mm):



Specifications:

Brand Name	TECHNOSPACIO
Model Name	TS-F-300
Dimensions	1200*160*980mm
Cabinet Material	304 stainless steel
Material Thickness	Top cover1.2mm+body 0.8mm
Passage Width	600mm
Passage indicator	Soft LED indicator light on top + Door RGB 3-color welcome lamp
Operating Environment	Indoor/Outdoor (Covered)
Power rate	40W
Power Supply	AC 110–220V, 50/60Hz
IP rating	IP 44
Drive Mechanism	DC Brushless motor
Traffic Direction	Configurable for Unidirectional or Bidirectional flow
Control Signal	Relay contact signal (dry contact)
Operating Temperature	-25°C to +70°C
Passage Speed	20-25 persons/minute
MCBF	5 Million Cycles