

# SYNEL SY-01SHT – Height turnstile

## Plain top, 3 sections (120 degree)



Synel order number -  
SY-01SHT – 155099

### General

The SY-01SHT is designed to provide unsupervised access control into and out of high security facilities.





The impenetrable construction virtually eliminates any unauthorized entry to restricted areas. The rigid welded stainless-steel construction of the full height rotor turnstiles offers advanced reliability and vandal resistance and guarantees many years of the turnstile trouble-free operation even in unfavorable environments.

The stainless-steel rotor with 3 sections (120 degree).

The use of electro-magnetic drive and mechanism ensure smooth and quiet operation as well as dynamic braking and crossbars positioning.

### Design & construction

Designed for secure operation with aesthetics -

-  Corrosion protected S/S frame
-  Minimal exposed hardware
-  Heavy gauge materials meeting ASTM standard
-  SY-01SHT consist as of rotor assembly, shield-Assembly, barrier section, mechanism housing and ceiling plate.

### Technical specifications

Items	Unit	SY-01SHT
Power supply	AC	220V
Control circuit	DC	24V
Power consumption	W	50
Operating temper range	°C	-25~+70
Protection level	IP	≥44
Humidity		95%
Hydraulic damper		Adjustable
Solenoid		24vDC 100%
Throughout		person
Signal output		12v pulse
Communication interface		RS485 or TCP IP
Passage width	mm	650
Frequency	Hz	50 or 60
Electro-magnetic drive		DC

### Safety

The reliable operating mechanism with hydraulic damping provides gradual slowing and smooth rotation and eliminates sudden, un-expected stops and positioning problems thereby ensuring maximum user safety.