

[Item:]

Tripod turnstyle pedestrian gate Magnetic FlowMotion® mTripod FMTP-ML

Electric motor driven tripod turnstyle for access control and passenger separation.

Function:

- Smoothly operating motor drive system for comfortable passage through gate
- Automatic motor driven turning after reception of release signal by gentle hand touch
- 2-way operation in entry and exit direction
- Suppression of release signal after set time if not used

Design:

- Seamless construction with an extremely slender silhouette, shapely form and flowing lines
- No visible connection elements
- Decent color design in basalt (sides) and anthracite (frame)

Safety and Security features:

- Sensitive impact detection for utmost passenger safety (< 400N according to EN12453)
- Free passage in both directions in case of power outage or alarm signal
- Tripod gate transmits warning notification in case of forced entry

Features:

- Integrated pulse counter with separate counting for both directions
- Random generator for the control of persons and bags
- Error history for technical service

Control and drive system:

- Integrated MGC control system with display for parameterization and set-up
- Integrated MHTM™ drive system for minimum 10 million opening and closing cycles
- Connection for 85 – 264 VAC, 50/60 Hz
- Connections for all current card reader systems
- 8 digital inputs with free allocable functions
- 4 digital outputs and 6 output relays for illumination control and status readout (free allocable)

Housing material:

- 2 component-polyurethane mDure
- Highly resistant to impacts, scratches and abrasion
- Resistant against corrosion, UV light, detergents and disinfectants
- Environmentally friendly disposal as household garbage
- Enclosure protection rating: IP54

Dimensions:

- Dimensions of housing: 1300 x 1050 x 290 mm (W x H x D)
- Passage width: 515 mm
- Installation space for readers: 60 x 80 x 40 mm (W x H x D)

Installation:

- Screw mounting on stable floor surface
- Alternative mounting on unfinished floor by use of adjustable foundation frame (see accessories)
- Alternative glue mounting by use of a metal base plate (see accessories)

Temperature range: -30 to +50 °C

Installation execution by manufacturer certified installation specialist, including user training and hand-over of inspection manual, declaration of conformity according to EC machinery directive/ low voltage directive, EMC directive and performance declaration according to construction material directive.

Manufacturer: Magnetic Autocontrol GmbH

Type: mTripod FMTP-ML, Standard colour: basalt-anthracite

Number: Unit: pieces Unit price: Total:

Options for tripod turnstile Magnetic FlowMotion® mTripod FMTP-ML

[Item:]

Option Frame Illumination RLED100

Circular frame illumination in red and green with separate activation for entry and exit flank. Can be used for indication of ready for passage state or as permanent design illumination.

Manufacturer: Magnetic Autocontrol GmbH
Type: RLED100 – Frame illumination FlowMotion®

Number: Unit: pieces Unit price: Total:

[Item:]

Option Floor illumination BOLED100

LED floor illumination as design light and for additional passenger navigation. Can be switched on/off.

Manufacturer: Magnetic Autocontrol GmbH
Type: BOLED100 – Floor illumination FlowMotion®

Number: Unit: pieces Unit price: Total:

[Item:]

Option Passage indicator GED 100/ GED101

Indication of passage readiness state GED (Gate End Display) for information about passage direction by use of LED light as green arrow or red cross respectively. Available as left-hand and right-hand version for installation on both sides of the FlowMotion® pedestrian gate.

Manufacturer: Magnetic Autocontrol GmbH
Type: GED100 – Passage indicator GED, left-hand

Number: Unit: pieces Unit price: Total:

Manufacturer: Magnetic Autocontrol GmbH
Type: GED101 – Passage indicator GED, right-hand

Number: Unit: pieces Unit price: Total:

[Item:]

Option Drop-Arm DA100

Drop-Arm function for mTripod. Upper bar swings down in case of an alarm signal or power outage. Automatic restoring of bar position upon reset of alarm signal or power return.

Manufacturer: Magnetic Autocontrol GmbH
Type: DA100 – Drop-Arm mTripod

Number: Unit: pieces Unit price: Total:

[Item:]

Option Locking unit VERH100

Mechanical locking unit against forced passage without passage release signal. Automatic reset and return to closed position after preset time span.

Manufacturer: Magnetic Autocontrol GmbH
Type: VERH100 – Locking unit mTripod

Number: Unit: pieces Unit price: Total:

[Item:]

Option Over-climb detection USE100

Signalization in case of over-climb attempt without passage release signal. Automatic reset after preset time span.

Manufacturer: Magnetic Autocontrol GmbH
Type: USE100 – Over-climb detection mTripod

Number: Unit: pieces Unit price: Total:

[Item:]

Option Under-crawl detection UKE100

Signalization in case of under-crawl attempt without passage release signal. Automatic reset after preset time span.

Manufacturer: Magnetic Autocontrol GmbH
Type: UKE100 – Under-crawl detection mTripod

Number: Unit: pieces Unit price: Total:

[Item:]

Option Buzzer ESU01

Buzzer for the optional indication of a forced passage attempt, a random control hit, a functional error, an undercrawl or overclimb attempt. Automatic reset after preset time span.

Manufacturer: Magnetic Autocontrol GmbH
Type: ESU01 – Buzzer

Number: Unit: pieces Unit price: Total:

[Item:]

Option Signalization LED DLED100

Signalization LED in red for notification of a random generator hit.

Manufacturer: Magnetic Autocontrol GmbH
Type: DLED100 – Signalization LED FlowMotion®

Number: Unit: pieces Unit price: Total:

[Item:]

Option Ethernet interface EM01

Parameterization and signal processing of a FlowMotion® pedestrian gate via a local network or the Internet.

Manufacturer: Magnetic Autocontrol GmbH
Type: EM01 – Ethernet Interface

Number: Unit: pieces Unit price: Total:

[Item:]

Option Mounting uplift EP

Uplift for pre-mounting of all applicable option within the FlowMotion® pedestrian gate.

Manufacturer: Magnetic Autocontrol GmbH
Type: EP – Einbaupauschale

Number: Unit: pieces Unit price: Total:

Accessories for tripod turnstile Magnetic FlowMotion® mTripod FMTP-ML

[Item:]

Foundation frame FURA100

Foundation frame for the installation of a FlowMotion pedestrian gate with long housing on the unfinished floor. Height adjustable between 10 and 15 cm.

Manufacturer: Magnetic Autocontrol GmbH
Type: FURA100 – Foundation frame FlowMotion® long

Number: Unit: pieces Unit price: Total:

[Item:]

Fixation set BSS100

Installation material for screw-mounting of a FlowMotion® pedestrian gate on the finished floor surface, including gluing capsule and screw connection with internal thread.

Manufacturer: Magnetic Autocontrol GmbH
Type: BSS100 – Fixation set FlowMotion®

Number: Unit: pieces Unit price: Total:

[Item:]

Fixation set BSSFURA100

Installation material for screw-mounting of a FlowMotion® pedestrian gate on the foundation frame FURA100. The foundation frame FURA100 is not part of the fixation set BSSFURA100.

Manufacturer: Magnetic Autocontrol GmbH
Type: BSSFURA100 – Fixation set FlowMotion®

Number: Unit: pieces Unit price: Total:

[Item:]

Fixation set BSSKL100

Installation material for screw-mounting of a FlowMotion® pedestrian gate on a base plate used for gluing on the finished floor surface. The fixation set BSSKL100 includes the base plate.

Manufacturer: Magnetic Autocontrol GmbH
Type: BSSKL100 – Fixation set FlowMotion®

Number: Unit: pieces Unit price: Total:

[Item:]

Emergency push button NT100

For triggering an emergency signal used to switch mTripod turnstile in free passage operation and to swing upper bar down for unobstructed passage (only in combination with the option "Drop-Arm"). When reset, mTripod returns to normal operation mode and the upper bar is automatically restored to closed position.

Manufacturer: Magnetic Autocontrol GmbH
Type: NT100 – Emergency push button FlowMotion®

Number: Unit: pieces Unit price: Total:

[Item:]

Railing system mGuide

Passenger guidance system for installation in parallel to a mTripod turnstile pedestrian gate or as boundary between controlled section and open accessible section.

- Frame material: stainless steel
- Glass panels made of single-layer safety glass (ESG), laminated safety glass (VSG) or acrylic glass
- Barrier width customized between 40 up to 1300 mm
- Dimensions (H x D): 1000 x 10 mm (Diameter 105 mm at base socket)

Manufacturer: Magnetic Autocontrol GmbH
Type: mGuide – Railing system

Length:

Number: Unit: pieces Unit price: Total:

[Item:]

Wing gate Magnetic MPS

Electric motor driven swing gate for barrier-free access. Compact accommodation of drive and control system in the stainless steel cylinder.

Function:

- Automatic rotational movement in passage direction after release signal
- Automatic closing after set time span
- Can be used as single or double wing gate.

Safety & security:

- Sensitive impact detection for utmost passenger safety (< 400N according to EN12453)
- The wing gate grants free rotation in both directions in the case of power outage and alarm signal
- Automatic return to closed position upon power return or reset of alarm signal

Control and drive system:

- Integrated control and drive system
- Connection for 110 – 240 VAC, 50/60 Hz
- Compatible with numerous card reading devices
- Design for 10,000,000 opening and closing cycles

Material:

- Frame material: stainless steel
- Glass panels made of single-layer safety glass (ESG), laminated safety glass (VSG) or acrylic glass
- Enclosure protection rating: IP44

Dimensions:

- Height of enclosure: 1000 mm
- Diameter of enclosure: 159 mm
- Passage width: 926 mm
- Opening angle adjustable from 0° to 300°

Installation execution by manufacturer certified installation specialist, including user training and hand-over of inspection manual, declaration of conformity according to EC machinery directive/ low voltage directive, EMC directive and performance declaration according to construction material directive.

Manufacturer: Magnetic Autocontrol GmbH

Type: MPS – Wing gate

Number: Unit: pieces Unit price: Total: