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### **Tripod turnstile pedestrian gate Magnetic FlowMotion® mTripod short FMTP-MS**

Electric motor driven tripod turnstile 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 colour design in basalt (sides) and anthracite (frame) or in customer-specific colours

#### Safety and Security features:

- Sensitive impact detection for utmost passenger safety (< 400N according to EN12453)
- Low energy drive system with max. 1.69J, static opening and closing force max. 67N (according to EN 16005)
- Free passage in both directions in case of power outage or alarm signal
- Tripod gate transmits warning notification in case of forced entry
- Optional: under-climb and over-crawl detection

#### 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 MHTM™ drive system for minimum 10 million opening and closing cycles (MCBF)
- Integrated MGC control system with display for parameterization and set-up
- Functions and parameters can be activated and parameterized as well as switched via I/O connections: passage direction, hold-open time, passage direction indication, illumination options, random generator, behaviour in case of alarm, notification in case of forced entry, over-climbing, under-crawling
- Connection for 100 – 240 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 (freely allocable)
- 5 connector slots for extension modules
- Connectable via Ethernet interface

#### 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: 730 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 +55 °C

Weight: approx. 57 kg

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

Manufacturer: Magnetic Autocontrol GmbH  
Type: mTripod short FMTP-MS

Housing colour: : .....

Number: ..... Unit: pieces Unit price: ..... Total: .....

## Options for tripod turnstile Magnetic FlowMotion® mTripod short FMTP-MS

[Item: .....]

### Option Frame Illumination RLED101

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. Can be switched on/off.

Manufacturer: Magnetic Autocontrol GmbH  
Type: RLED101 – Frame illumination FlowMotion® 730 mm

Number: ..... Unit: pieces Unit price: ..... Total: .....

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### Option Floor illumination BOLED101

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

Manufacturer: Magnetic Autocontrol GmbH  
Type: BOLED101 – Floor illumination FlowMotion® 730 mm

Number: ..... Unit: pieces Unit price: ..... Total: .....

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### 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 or red arrow. 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: .....

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**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: .....

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**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: .....

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**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: .....

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**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: .....

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**Option Buzzer ESU01**

Buzzer for the optional indication of a forced passage attempt, a random generator hit, a functional error, an undercrawl or overclimb attempt.

Manufacturer: Magnetic Autocontrol GmbH  
Type: ESU01 – Buzzer

Number: ..... Unit: pieces Unit price: ..... Total: .....

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**Option Signalization LED DLED100**

Signalization LED in red for the optional indication of a forced passage attempt, a random generator hit, a functional error, an undercrawl or overclimb attempt.

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

Number: ..... Unit: pieces Unit price: ..... Total: .....

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**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: .....

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**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

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### Fixation set BSS101

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: BSS101 – Fixation set FlowMotion® 730 mm

Number: ..... Unit: pieces Unit price: ..... Total: .....

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### Foundation frame FURA101

#### Fixation set BSSFURA101

Foundation frame for the installation of a FlowMotion pedestrian gate on the unfinished floor.

Manufacturer: Magnetic Autocontrol GmbH  
Type: FURA101 – Foundation frame FlowMotion® 730 mm

Number: ..... Unit: pieces Unit price: ..... Total: .....

Manufacturer: Magnetic Autocontrol GmbH  
Type: BSSFURA101 – Fixation set for foundation frame FlowMotion®

Number: ..... Unit: pieces Unit price: ..... Total: .....

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### Gluing base plate KLP101

#### Fixation set BSKL101

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

Manufacturer: Magnetic Autocontrol GmbH  
Type: KLP101 – Gluing base plate FlowMotion® 730 mm

Number: ..... Unit: pieces Unit price: ..... Total: .....

Manufacturer: Magnetic Autocontrol GmbH  
Type: BSKL101 – Fixation set for gluing base plate FlowMotion®

Number: ..... Unit: pieces Unit price: ..... Total: .....

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**Emergency push button NT100**

For triggering an emergency signal used to switch mTripod short 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 short 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: .....

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**Railing system mGuide**

Passenger guidance system for installation in parallel to a mTripod short 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: .....