

Motion Controls and User Programmable Motion Controllers

Details of our current range of MOTION CONTROLS and MOTION CONTROLLERS can be found below. These are Multi-Axis motion controllers with built in HMI (MMI), I/O and Communications links and can either be custom programmed or supplied with our FREE MAP sequencing software that makes it very easy to complete complex tasks. Please see our MAP page for further information and our Applications page for Case Studies of machines built using TRM's Motion Controllers, Electrical systems, Drives, Motors, Sensors and hardware.

All prices are ex-works UK and in Great Britain Pound (GBP). Please visit www.xe.com to convert it to local money.

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| <p>Model</p> <p>Motion Controller SMC 5.7B</p> <p>Up to 3 Axis motion controller, 5.7" LCD screen and Keypad Price: GBP 700.00(For OEM's and machine integrators discounts apply)</p> <ul style="list-style-type: none"> - 3 stepper axis - 2 Servo axis control (+/-10V analogue outputs)
<ul style="list-style-type: none"> - 5.7" colour TFT display large text and animated machine functions - 16 Digital Inputs and 16 Digital outputs - 8 Analogue Inputs - 2 Fast registration inputs (40 nS)
<ul style="list-style-type: none"> - Ports RS232, RS485, USB
<ul style="list-style-type: none"> - Linear and circular interpolation - Electronic Cam, Synchronization, Virtual axis - 6 key keypad - Preloaded with Motion Application Software 'MAP manual' , Video
<p>NEW! Motion Controller SMC 5.7P</p> <p>Up to 3 Axis motion controller, 5.7" LCD screen and Keypad Price: GBP 734.00(For OEM's and machine integrators discounts apply)</p> <ul style="list-style-type: none"> - 3 stepper axis - 2 Servo axis control (+/-10V analogue outputs)
<ul style="list-style-type: none"> - 5.7" colour TFT display large text and animated machine functions - 16 Digital Inputs and 16 Digital outputs - 8 Analogue Inputs - 2 Fast registration inputs (40 nS)
<ul style="list-style-type: none"> - Ports RS232, RS485, USB
<ul style="list-style-type: none"> - Linear and circular interpolation - Electronic Cam, Synchronization, Virtual axis - 30 key keypad - Preloaded with Motion Application Software 'MAP manual' , Video
<p>NEW! Motion Controller SMC 5.7L</p> <p>Up to 3 Axis motion controller, 5.7" LCD screen and QWERTY Keypad Price: GBP 760.00(For OEM's and machine integrators discounts apply)</p> <ul style="list-style-type: none"> - 3 stepper axis - 2 Servo axis control (+/-10V analogue outputs)
<ul style="list-style-type: none"> - 5.7" colour TFT display large text and animated machine functions - 16 Digital Inputs and 16 Digital outputs - 8 Analogue Inputs - 2 Fast registration inputs (40 nS)
<ul style="list-style-type: none"> - Ports RS232, RS485, USB
<ul style="list-style-type: none"> - Linear and circular interpolation - Electronic Cam, Synchronization, Virtual axis - QWERTY key keypad | <p>Motion Controllers features include the following</p> <p style="text-align: right;">NEW!</p> |
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- Preloaded with Motion Application Software 'MAP manual' , Video

NEW!

Motion Controller SMC 10.2L

Brochure

Up to 3 Axis motion controller, 10.2" TFT screen and QWERTY Keypad Price: GBP 850.00(For OEM's and machine integrators discounts apply)

- 3 stepper axis
- 2 Servo axis control (+/-10V analogue outputs)

- 5.7" colour TFT display large text and animated machine functions
- 16 Digital Inputs and 16 Digital outputs
- 8 Analogue Inputs
- 2 Fast registration inputs (40 nS)

- Ports RS232, RS485, USB

- Linear and circular interpolation
- Electronic Cam, Synchronization, Virtual axis
- QWERTY key keypad
- Preloaded with Motion Application Software 'MAP manual' , Video

Motion Controller CM2

Brochure Pin Out

2 Axis motion controller, LCD screen and Keypad

Price: GBP 775.00

(For OEM's and machine integrators discounts apply)

- 2 Encoder channels
- Servo and stepper axis control
- 320 x 240 pixel, 5.7" colour display for displaying excellent graphics, large text and animated machine functions
- 16 Inputs and 16 outputs
- Ports RS232, RS485
- 2 Control output channels of +/- 10 Volts
- Optional: A/D converter input

- 30 key keypad
- Preloaded with Motion Application Software 'MAP manual', Video

Motion Controller CM3

Brochure

Pin Out

3 Axis motion controller, LCD screen and Keypad Price: GBP 825.00 (For OEM's and machine integrators discounts apply)

- 3 Encoder channels
- Servo and stepper axis control

- 320 x 240 pixel, 5.7" colour display for displaying excellent graphics, large text and animated machine functions
- 16 Inputs and 16 outputs
- Ports RS232, RS485
- 4 Control output channels of +/- 10 Volts

- Optional: A/D converter input
- 30 key keypad
- Preloaded with Motion Application Software 'MAP manual' , Video

All controls are housed in a strong 2mm thick aluminium case that is designed and manufactured specifically for each model. Each controller has a polycarbonate overlay bonded to the front plate and a 2mm hard polycarbonate window covering the LCD display to protect from damage.