

10.1 INDUSTRIAL CONTROLLERS

10.1.1 RINSTRUM R300 SERIES INDICATORS



R320



R323



X320



D320 REMOTE DISPLAY



D323 REMOTE DISPLAY

EC CLASS III APPROVED INDICATORS

- Maximum resolution 30,000. Approved division 4,000.
- Stainless steel swivel bracket option for pole or wall mounting.
- R320 and R323 optional date & time and two isolated outputs and RS232.
- X320 includes 3 isolated outputs and RS232 with configurable printing.
- XD30, D320 & D323 are remote displays.



MODEL	DESCRIPTION	PRICE £
R320 *	Panel mount, ABS, IP56, 12-24 VDC	250.00
R323-A *	Panel mount, stainless steel, IP66, 12-24 VDC	355.00
R323-C *	Complete stainless steel enclosure, IP66, 12-24 VDC	470.00
R323-D2 *	Complete stainless steel enclosure, IP67, 110-240 VAC	575.00
R323-F *	Complete stainless steel enclosure, IP66, 2.5Ah NiMH battery	740.00
X320-AC2	IP68/IP69K housing, 110-240 VAC	740.00
X320-DC	IP68/IP69K housing, 12-24 VDC	675.00
X320-F	IP68/IP69K housing, 2.5Ah NiMH battery	910.00
D320	Remote display, ABS housing	330.00
D323	Remote display, stainless steel housing	465.00
XD30-AC2	Remote display, IP69k housing, 110-240 VAC	740.00
XD30-DC	Remote display, IP69k housing, 12-24 VDC	675.00
* APPLICATIONS FOR R320 & R323 MODELS		
K342	Basic, weigh only & hold function key	0.00
K344	As K342 plus RS232 with basic printing	45.00
K346	As K344 with 2 basic setpoints and 2 basic outputs (up to 300mA/50	80.00
K354	As K346 plus single input, clock, custom printing and configurable function key	110.00
K356	As K354 plus 2 configurable setpoints and 2 outputs (up to 300 mA/50 VDC)	140.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.1.2 RINSTRUM C300 SERIES INDICATORS



C320



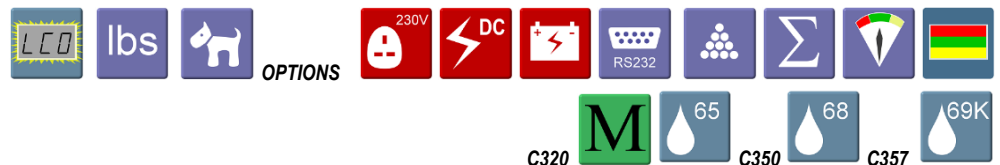
C350



C357

MULTIFUNCTIONAL INDICATOR RANGE WITH RGB BACKLIGHT

- C320 approved. C350/7 approval pending.
- C320 20mm LCD display with six 9 segment characters.
- C350/C357 50mm LCD display with six 9 segment characters.
- Optional WELMEC 7.2 compliant alibi memory.
- Programmable function keys.
- Two RS232 bidirectional serial ports independently configurable for network, printing or remote display functions.
- Two digital inputs with two high-side digital outputs capable of driving low voltage DC actuator.
- Optional real time clock and calendar.
- Optional colour changing backlight, ideal for checkweighing applications.
- C320 single accessory slot for communication or expansion cards.
- C350/C357 2 accessory slots for increased functionality.



MODEL	DESCRIPTION	PRICE £
C320-A *	Panel mount IP65, VDC	240.00
C320-G4 *	Full housing with AA battery boot/desk stand, IP65	280.00
C320-H4 *	Full housing with rear boot and swivel mount, IP65	305.00
C350-AC2 *	IP68 resin alloy housing with stainless steel stand VAC	465.00
C350-DC *	IP68 resin alloy housing with stainless steel stand VDC	405.00
C357-AC2 *	IP69K Stainless steel housing with stainless steel stand VAC	665.00
C357-DC *	IP69K Stainless steel housing with stainless steel stand VDC	610.00
* APPLICATIONS FOR C320, C350 & C357 MODELS		
K301	Basic, weigh only, manual hold function key and animal weighing	0.00
K304	As K301 plus counting, totalizing, clock & calendar, multi-coloured backlight, checkweighing, 8 setpoints, 2 onboard RS232 & alibi memory	110.00
K306	As K304 with 8 advanced set points	170.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.1.3 RINSTRUM R400 SERIES INDICATORS



R420



R423-A PANEL MOUNT



R427-DC/AC4/F

MULTIFUNCTION CLASS III APPROVED INDICATOR

- Up to 32 I/O control points.
- Large LCD two line display 29mm and 18mm with LED backlight.
- Application software for counting, product storage and batching.
- Up to 100,000 division resolution. Approved divisions 10,000.
- Optional desk or wall mount brackets.
- R420 ABS housing panel mount. Front face has an IP65 rating.
- R423 is the stainless steel panel mount version, with IP66 rated front face.
- R427 full stainless steel housing with an IP66 rating.
- Battery packs and mains adaptors available as optional extras.
- LUA Programmable Module converts R420 in to a programmable indicator.



MODEL	DESCRIPTION	PRICE £
R420	Panel mount, ABS, IP65, 12-24 VDC	605.00
R423-A	Panel mount, stainless steel, IP66, 12-24 VDC	750.00
R427-DC	Complete stainless steel enclosure, IP66, 12-24 VDC	970.00
R427-AC2	Complete stainless steel enclosure indicator, IP66, 110-240 VAC	1020.00
R427-F	Complete stainless steel enclosure indicator, IP66, 2.5Ah NiMH battery	1190.00
APPLICATIONS		
K402	250 product data storage	105.00
K410	Filling application, 100 recipe memory, 1 material	105.00
K411	Batching application, 100 recipe memory, 6 materials	210.00
K412	Batching application, 100 recipe memory, 20 materials	295.00
K404	Truck weighing application, standard inbound/outbound with 250 stored trucks	100.00
K405	Truck weighing application, inbound/outbound with axle weights and totalisation	160.00
K481	Summing software for axle weights, up to 9 platforms	0.00
K491	Tilt compensation for onboard weighing systems	205.00
PROGRAMMING MODULE		
M4223	LUA programmable module with Ethernet and USB port	565.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.1.4 OPTIONS FOR RINSTRUM INDICATORS*

PART NUMBER	DESCRIPTION	PRICE £
All INDICATORS		
A10004	Mains adaptor	50.00
A10012	Opto link USB	60.00
A10018	Pole mount insert	30.00
MODELS R320		
M3001	Desk stand (also holds 4 x AA batteries)	40.00
M3002	Desk stand bracket	30.00
M3003	IP65 rear cover	40.00
M3005	Dust cover (pack of 10)	40.00
M3009	Seal	15.00
M3117	IP65 rear housing with rechargeable battery and charger	345.00
M3007 + A10018	Pole mount kit (requires either desk stand, IP65 rear cover or either of the rechargeable batteries with stands)	75.00
MODEL R323		
M3009	Seal	15.00
MODEL C300 Series		
M6201/3/4	Communication card RS232, RS485 or 20mA Loop	100.00
M6902	Converter 0..10V,4..20mA to loadcell input	75.00
MODELS R420 & R423		
M4001	Desk stand	50.00
M4003	Stainless steel wall mount	45.00
M4004 + A10018	Pole mount kit (stainless steel stand and pole mount insert)	75.00
M4005	Dust cover (pack of 10)	65.00
M4009	Seal	15.00
M4103	Rechargeable battery pack IP65	360.00
M4112	IP65 desk mount VAC power supply	160.00
M4201	RS232-232 module	160.00
M4202	RS232/RS485 module	160.00
M4203	RS485/485 module	160.00
M4301	Digital 8 channel I/O module	195.00
M4302	4 button input module	110.00
M4401	Analogue output module (provides one isolated (>500v) 4-20ma or 0-10V analogue output)	295.00
M4501	Data storage device	195.00
M4901	Relay output kit	180.00
M4902	Connection cable for I/O to relay output	40.00
M4903	Converter (0-10v/4-20ma input)	75.00

* Please note options do not include carriage but will be sent with no carriage charge if ordered at the same time as an indicator.

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.1.5 SYSTEC IT1 INDICATOR



ROBUST IP69K STAINLESS STEEL APPROVED INDUSTRIAL INDICATOR

- Approved up to 6000 divisions. Available in standard enclosure or panel mount versions.
- Options for serial interface, digital I/O and analog outputs.
- IP69k rating for standard enclosures and IP67 for panel mount versions.
- 110mm TFT display.
- Approved up to 10,000 divisions.
- Standard programs for checkweighing and filling with optional I/O modules.
- Integrated signal amplifier for connection of up to 8 load cells.
- Colour changing back light when using checkweighing application.
- Date & time. Calibration possible as single or multi-range.
- Optional alibi memory for internal storage of 1,000,000 weights in approved data archive.



OPTIONAL

MODEL	DESCRIPTION	PRICE £
IT1	Standard Enclosure 110-240 VAC	655.00
IT1	Panel Mount 110-240 VAC	685.00
IT1	Standard Enclosure or Panel Mount 12-30 VDC	725.00
IT1	Standard Enclosure or Panel Mount - External Battery (Battery not included)	725.00

10.1.6 SYSTEC IT3 INDICATOR



ROBUST IP69K STAINLESS STEEL APPROVED INDICATOR WITH NUMERIC KEYPAD

- Available in standard enclosure or panel mount versions.
- IP69k rating for standard enclosures and IP67 for panel mount versions.
- 130mm TFT display.
- Approved up to 10,000 divisions.
- Standard programs include parts counting, checkweighing, filling, remote controlled systems and truck weighing.
- Colour changing back light when using checkweighing application.
- Integrated signal amplifier for connection of up to 8 load cells.
- Date & time. Calibration possible as single or multi-range.
- Optional serial interface, digital I/O, analog outputs and alibi memory for internal storage of 1,000,000 weights in approved data archive.

ADD COLOURED BACK LIGHT FOR CHECKWEIGHING



OPTIONAL

MODEL	DESCRIPTION	PRICE £
IT3 Package	Standard Enclosure or Panel Mount 110-240 VAC	1100.00
IT3 Package	Standard Enclosure or Panel Mount 12-30 VDC	1150.00
IT3 Package	Standard Enclosure or Panel Mount - External Battery (Battery not included)	1190.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.1.7 SYSTEC IT2000M WEIGHING MODULE



DIN RAIL MOUNTED PROCESS CONTROLLER

- Ideal for process control applications. Integrated batching functionality.
- Up to 30,000 division resolution, approved up to 6000 divisions.
- Integrated factory calibrated A/D converter to connect up to 8 load cells.
- Stainless steel housing designed for installation on din rail.
- Power supply 12-30 VDC.
- Black box version and separate display also available – POA.



OPTIONAL



MODEL	DESCRIPTION	PRICE £
IT2000M Basic	IT2000M Weighing Module with Ethernet interface	1075.00
IT2000M Advanced	IT2000M Weighing Module with either Profinet, Profibus DP or Ethernet-IP	1320.00

10.1.8 OPTIONS FOR SYSTEC INDUSTRIAL CONTROLLERS

A range of options for the SysTec industrial controllers. More options are available, please contact us for further information.

DESCRIPTION	PRICE £
General	
Splash Guard Wet Cover	35.00
SIM RS232 or SIM RS485.4 Serial Interface options	65.00
PIM I/O Module 2 In / 2 out 24 VDC	50.00
DAU15 Analog Output Module 0-20mA / 0-10 VDC	185.00
ADM, Analog Scale Interface	305.00
Dual-ADM, Dual Scale Interface (n/a for IT1)	390.00
DUAL-ISM, Dual-channel fast pulse counter input (n/a for IT1)	185.00
Relay/Transistor Module 8 I/O - no power supply or enclosure (requires RS485 Module)	400.00
Relay/Transistor Module 8 I/O - power supply included, no enclosure (requires RS485 Module)	580.00
Relay/Transistor Module 8 I/O - power supply included all in a stainless steel enclosure (requires RS485 Module)	890.00
IT1/IT3 options	
SIO Input/Output Module	130.00
Alibi Memory (IT1 & IT3)	90.00
USB Interface Module (bulkhead or cable connection specify at time of ordering) (IT1 & IT3)	140.00
Ethernet Connection Module (RJ45 or M12 specify at time of ordering) (IT1 & IT3)	90.00
M12 Ethernet Cable – straight connection, 10m (other variations available)	85.00
IT3 Fieldbus options	
PN3 Profinet Module	430.00
PB3 Profibus Module	505.00
ET3 Ethernet/IP Module	430.00
5m Profinet / Ethernet/IP cable (angled/straight M12 - RJ45)	70.00
10m Profinet / Ethernet/IP cable (angled/straight M12 - RJ45)	85.00
Custom Profinet / Ethernet/IP cable	£POA

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.2 PROGRAMMABLE CONTROLLERS

10.2.1 SYSTEC IT4000E INDICATOR



ADVANCED INDICATOR WITH STANDARD FACTORY APPLICATIONS

- Standard enclosure with IP69K rating or panel mount versions with IP65 rating.
- Mains 110-240 VAC or 12-30 VDC versions available
- Ethernet and USB standard and additional modular hardware allow a wide range of options including serial interface, WLAN, digital I/O and analog outputs.
- Standard prices include analog scale module. Dual scale, digital and external scale modules available.
- Colour TFT display.
- *BASIC/COUNT* program ideal for parts counting, checkweighing, PLU (up to 10 products), up to six user defined fields.
- Other factory programs include *CONTROL/ONLINE*, *DOS* for filling and *TRUCK/ONLINE*.



MODEL	DESCRIPTION	PRICE £
IT4000E Package	Standard Enclosure 110-240 VAC	1515.00
Standard Programs	Basic/Count, Control/Online, DOS, Truck/Online	FOC

10.2.2 SYSTEC IT6000E AND IT8000E INDICATORS



IT6000E



IT8000E



IT6000ET & IT8000ET

FREELY PROGRAMMABLE INDICATOR WITH A WIDE RANGE OF STANDARD FACTORY PROGRAMS OR CUSTOM APPLICATIONS

- Standard enclosure with IP69K rating or panel mount versions with IP65 rating.
- Mains 110-240 VAC or 12-30 VDC versions available
- Ethernet and USB standard and additional modular hardware allow a wide range of options including serial interface, WLAN, digital I/O and analog outputs.
- Standard prices include analog scale module. Dual scale, digital and external scale modules available.
- Colour TFT display.
- Standard and advanced factory programs include *BAG*, *BASIC/COUNT*, *BATCH*, *BIG BAG*, *BULK*, *CHECK*, *CONTROL/ONLINE*, *FILL*, *LOSS IN WEIGHT*, *SQC* and *TRUCK/ONLINE*.
- ET models with touchscreen display.



MODEL	DESCRIPTION	PRICE £
IT6000E Package	Standard Enclosure 110-240 VAC	2090.00
IT6000ET Package	Standard Enclosure 110-240 VAC – Touch Screen	2610.00
IT8000E Package	Standard Enclosure 110-240 VAC	2680.00
IT8000ET Package	Standard Enclosure 110-240 VAC – Touch Screen	3145.00
Standard Programs	Bag, Basic/count, Batch, Big Bag, Control, Dos, Fill, SQC and Truck/Online.	115.00
Advanced Programs	Check, Belt, Bulk, Loss in Weight and Online	290.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.2.3 SYSTEC IT9 INDICATORS



IT9 DESK / WALL MOUNT



IT9 PANEL MOUNT

FREELY PROGRAMMABLE INDICATOR WITH LARGE TOUCH SCREEN DISPLAY

- Robust 10.4" colour TFT touch panel display with an IP69K rating. Optional connection via a USB connector, of a standard PC keyboard.
- Internal approved storage for 1 million weighing transactions. Power-fail-safe storage of data, password protection and battery-backed real-time clock.
- 10 internal slots allowing 'plug and play' for serial, digital and analogue interfaces including USB, Ethernet, RS232, Profibus and Modbus.
- 2 USB ports (1 external, 1 selectable for internal or external connection) with the option for up to 6 further ports.
- Ethernet interface with 10/100 Mbit/s, with integrated web server. Option for up to 6 additional Ethernet interfaces.
- Up to 36 internal opto-isolated inputs and outputs.
- Standard prices include an analog scale module.
- Standard factory programs include Dos, Control/Online and Truck. Additional programs are under development.



MODEL	DESCRIPTION	PRICE £
IT9 Package	Standard Enclosure or Panel Mount 110-240 VAC	3785.00
Standard Programs	Dos, Control/Online, Truck	POA

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.2.4 OPTIONS FOR THE SYSTEC PROGRAMMABLE CONTROLLERS

A range of options for the SysTec programmable controllers. More options are available, please contact us for further information.

DESCRIPTION	PRICE £
General	
Splash Guard Wet Cover	35.00
SIM RS232 or SIM RS485.4 Serial Interface options	65.00
PIM I/O Module 2 In / 2 out 24 VDC	50.00
DAU15 Analog Output Module 0-20mA / 0-10 VDC	185.00
ADM, Analog Scale Interface	305.00
Dual-ADM, Dual Scale Interface	390.00
DUAL-ISM, Dual-channel fast pulse counter input (n/a for IT4000E)	185.00
Relay/Transistor Module 8 I/O - no power supply or enclosure (requires RS485 Module)	400.00
Relay/Transistor Module 8 I/O - power supply included, no enclosure (requires RS485 Module)	580.00
Relay/Transistor Module 8 I/O - power supply included all in a stainless steel enclosure (requires RS485 Module)	890.00
ITx000E(T)	
USB Socket Type A	115.00
Ethernet socket for ITx000E	100.00
IT8000E	
External Quad Scale ADC box (requires RS485 module and individual ADM modules)	610.00
SPU Interface Expansion Module	275.00
ETX Ethernet/IP Module (cables extra)	505.00
PBX Profibus DP Module	405.00
PNX Profinet Module (cables extra)	505.00
IT9	
AWX Scale interface module	315.00
Internal ethernet cable connection from CPU to underside of housing (M12 or RJ45 specify at time of ordering)	90.00
ENX, Ethernet extension module with M12 or RJ45 socket (specify at time of ordering)	155.00
FBX-PN Profinet Module / FBX-IP, Ethernet / IP Module (M12 or RJ45 specify at time of ordering)	465.00
SMX232 Serial interface SIM RS232	65.00
SMX485 Serial interface SIM RS485.4	90.00
Internal cable connection from CPU with USB socket	115.00
USX, USB extension module	155.00
IOX24, I/O module / IOX42, input/output module	100.00
ISX, fast dual-channel impulse meter input	165.00
AOX, 15-bit analog output module	205.00
AIX, 15-bit analog input module	205.00
FBX-PB, Profibus DP module	465.00

10.2.5 SYSTEC STANDARD PROGRAMS

APPLICATION	IT1	IT3	IT4000E	IT6000E IT8000E	IT9
Filling	FILL	FILL	DOS E	FILL, BAG & BIG BAG	DOS
Data logging / Data transmission	BASIC	BASIC	BASIC/COUNT	BASIC/COUNT	
Multi material batching				BATCH	
Static Checkweighing	CHECK	CHECK	BASIC/COUNT	BASIC/COUNT	
Dynamic Checkweighing				CHECK	
Parts counting	COUNT	COUNT	BASIC/COUNT	BASIC/COUNT	
Loss in weight Control				LOSS IN WEIGHT	
Remotely Controlled	ONLINE	ONLINE	CONTROL/ONLINE	CONTROL/ONLINE	CONTROL/ONLINE
SQC / Average Weight				SQC	
Weighbridge		TRUCK/ONLINE	TRUCK/ONLINE	TRUCK/ONLINE	TRUCK
Product Lookup			BASIC/COUNT (10 items)	BASIC/COUNT (1000 items)	

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.3 HAZARDOUS AREA CONTROLLERS

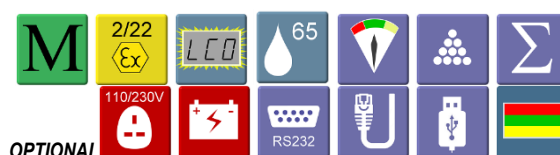
ZONE 2/22 INDICATORS

10.3.1 SYSTEC IT1 EX2/22 INDICATOR



ROBUST IP65 STAINLESS STEEL ATEX RATED INDUSTRIAL INDICATOR

- 110mm TFT display.
- Approved up to 10,000 divisions.
- Date & time. Calibration possible as single or multi-range.
- Standard programs include *BASIC*, *COUNT*, *FILL*, *CHECK* and *ONLINE*.
- Colour changing back light when using checkweighing application.
- Optional alibi memory for internal storage of 1,000,000 weights in approved data archive.
- Price includes analog scale module.



MODEL	DESCRIPTION	PRICE £
IT1 EX2/22	Standard Enclosure 110-240 VAC Panel Mount 110-240 VAC	935.00
	Standard Enclosure 12-30 VDC Panel Mount 12-30 VDC	990.00
	Standard Enclosure 12-30 VDC to connect to an external battery Panel Mount 12-30 VDC to connect to an external battery	990.00

10.3.2 SYSTEC IT3 EX2/22 INDICATORS



ROBUST STAINLESS STEEL ATEX RATED INDUSTRIAL INDICATOR WITH NUMERIC KEYPAD

- 130mm TFT display.
- Approved up to 10,000 divisions.
- Date & time. Calibration possible as single or multi-range.
- Standard applications include *BASIC*, *COUNT*, *CHECK*, *FILL*, *ONLINE* and *TRUCK/ONLINE*.
- Colour changing back light when using checkweighing application.
- Optional alibi memory for internal storage of 1,000,000 weights in approved data archive.
- Price includes analog scale module.



MODEL	DESCRIPTION	PRICE £
IT3 EX2/22	Standard Enclosure 110-240 VAC Panel Mount 110-240 VAC	1355.00
	Standard Enclosure 12-30 VDC Panel Mount 12-30 VDC	1405.00
	Standard Enclosure 12-30 VDC to connect to an external battery Panel Mount 12-30 VDC to connect to an external battery	1445.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.3.3 SYSTEC IT4000E EX2/22 INDICATORS



ATEX RATED STAINLESS STEEL PROGRAMMABLE INDICATOR

- Offers all the same factory applications and options as the standard indicator range.
- Mains 110-240 VAC or 12-30 VDC versions available.
- Approved up to 10,000 divisions.
- Configurable indicator with a wide range of standard factory programs
- Analog or digital scale inputs available.
- Standard programs include, *BASIC/COUNT*, *CONTROL/ONLINE*, *DOS*, and *TRUCK/ONLINE*.
- Prices include analog scale module.



MODEL	DESCRIPTION	PRICE £
IT4000E EX2/22	Standard Enclosure and Panel Mount Version 110-240 VAC	1875.00
	Standard Enclosure and Panel Mount Version 12-30 VDC	2025.00

10.3.4 SYSTEC IT6000E AND IT8000E EX2/22 INDICATORS



ATEX RATED FREELY PROGRAMMABLE STAINLESS STEEL INDICATOR

- Offers all the same factory applications and options as the standard indicator range.
- Mains 110-240 VAC or 12-30 VDC versions available.
- Approved up to 10,000 divisions.
- Freely programmable indicator with a wide range of standard factory programs or custom applications.
- Analog or digital scale inputs available.
- Standard programs include, *BAG*, *BIGBAG*, *BASIC/COUNT*, *BATCH*, *BULK*, *CHECK*, *FILL*, *LOSS IN WEIGHT*, *CONTROL/ONLINE*, *ONLINE OP*, *SQC* and *TRUCK/ONLINE*.
- Prices include analog scale module.



MODEL	DESCRIPTION	PRICE £
IT6000E EX2/22	Standard Enclosure and Panel Mount Version 110-240 VAC	2380.00
	Standard Enclosure and Panel Mount Version 12-30 VDC	2525.00
IT8000E EX2/22	Standard Enclosure and Panel Mount Version 110-240 VAC	2995.00
	Standard Enclosure and Panel Mount Version 12-30 VDC	3135.00

10.3.5 SYSTEC EX 2/22 OPTIONS

A range of options available for the SysTec EX2/22 indicators. More options are available please contact us with specific enquiries.

DESCRIPTION	PRICE £
IT1/IT3 EX2/22 Rechargeable Battery Kit Ah24 (rechargeable battery, charger & connecting cable) 75 – 150 hours	2850.00
IT1/IT3 EX2/22 SIM-Net, Ethernet Connection Module inc. M12 connector (requires M12 plug for self assembly)	260.00
IT1/IT3 EX2/22 M12 Plug with Protective Cap	155.00
IT1/IT3 EX2/22 SIM-USB Connection Module with USB type A socket, inc. 4 m cable (ITXOPT256)	215.00
ITx000E USB cable (4m, connects through gland to main board)	115.00
SIM Serial Interface Module (RS232, 20mA CL or RS485)	65.00
SIM RS485 OPTO Optoisolated Serial Interface	115.00
PIM I/O Module	50.00
DAU15 Analog Output Module 0-20mA / 0-10 VDC	185.00
DUAL-ISM, Dual-channel fast pulse counter input (n/a for IT1EX 2/22)	185.00
External Relay and Transistor I/O see standard options – Safe Area only	
ATEX Declaration of Conformity for use of standard loadcells in Zone 2/22	100.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

ZONE 1/21 INDICATORS

10.3.6 SYSTEC IT3000EX INDICATORS



ROBUST IP69K STAINLESS STEEL APPROVED INDUSTRIAL INDICATOR WITH NUMERIC KEYPAD

- Mains 230 VAC, 24 VDC or external 12 VDC ex battery versions available.
- Approved up to 10,000 divisions.
- Standard applications include *BASIC*, *CHECK*, *FILL* and *ONLINE*.
- Integrated intrinsically safe I/O 5 VDC 2mA.
- Panel mount version available.
- Price includes analog scale module.



MODEL	DESCRIPTION	PRICE £
IT3000EX	Standard Enclosure 230 VAC	2680.00
IT3000EX	Standard Enclosure 24 VDC	2460.00
IT3000EX	Standard Enclosure 24 VDC with DIN Rail Mounted Safe Area Power Supply	2690.00
IT3000EX	Standard Enclosure 24 VDC with Stainless Steel Safe Area Power Supply	3010.00
IT3000EX	Standard Enclosure 12 VDC with Ex Battery 24Ah T6 & Charger	5345.00

10.3.7 SYSTEC IT8000EX INDICATORS



ATEX RATED FREELY PROGRAMMABLE STAINLESS STEEL INDICATOR

- Mains 230 VAC, 24 VDC or external 12 VDC EX battery versions available.
- Approved up to 10,000 divisions.
- Freely programmable.
- Standard programs include, *BAG*, *BASIC*, *BATCH*, *BIGBAG*, *BULK*, *CHECK*, *FILL*, *FLOW CONTROL*, *ONLINE*, *ONLINE OP* and *TRUCK/ONLINE*.
- Integrated inputs 5 VDC and optional output module 5 VDC or 24 VDC.
- Panel mount version available.
- Price includes analog scale module.



MODEL	DESCRIPTION	PRICE £
IT8000 EX	Standard Enclosure 230 VAC	4340.00
IT8000 EX	Standard Enclosure 24 VDC	3690.00
IT8000 EX	Standard Enclosure 24 VDC with DIN Rail Mounted Safe Area Power Supply	3920.00
IT8000 EX	Standard Enclosure 24 VDC with Stainless Steel Safe Area Power Supply	4240.00
IT8000 EX	Standard Enclosure 12 VDC with Ex Battery 24Ah T6 & Charger	6590.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------

10.3.8 SYSTEC EX 1/21 OPTIONS

A range of options available for the SysTec EX1/21 indicators

DESCRIPTION	PRICE £
FILL Software Package (IT3000 EX only)	60.00
ONLINE P Software Package (IT3000 EX only)	60.00
OUT4-Exi Digital Output Module 5V (IT8000 EX only)	145.00
REL4-Exi Digital Output Module 24V (IT8000 EX only)	200.00
SIM 10mA / S10mA Intrinsically Safe Serial Interface	145.00
SAFE AREA OPTIONS	
TS3000 safe area serial interface including SIM / S10	705.00
TS Ethernet safe area convertor module including SIM / S10	1915.00
TS-REL 485 Relay Module Complete (in stainless steel housing) including SIM & Interface Module	1410.00
Relay Module Separate (components only) including SIM & Interface Module	1295.00
Charger for Rechargeable Battery EX 24Ah T6	670.00

10.4 SYSTEC SOFTWARE

10.4.1 SYSTEC PC PROGRAMS

SOFTWARE	DESCRIPTION	PRICE £
SERVICE/PROGRAMMING UTILITIES		
RTC WIN	Software development environment with editor, compiler, debugger and test tools	POA
IT CONFIGURATOR	Software for configuration and print formatting	175.00
USER APPLICATIONS		
PC SQC Version 3.x	PC program for the recording of test results in compliance with the Regulation for Prepackaged Goods	3185.00
PC BATCH Full Version	Process control and data management with raw material, recipe, order and personnel files for central control of up to 50 BATCH controllers	16140.00
PC BATCH Data Management	With raw material, recipe and parameter files for the central control of up to 50 BATCH controllers	6455.00
RTC MONITOR	Software for service purposes to monitor and remotely control application programs over TCP/IP connections	175.00
SQL DRIVER	Software for embedding of external PC SQL databases into application programs	840.00
PC ReadIT	To read and store records via serial and Ethernet interfaces	310.00
PC COM+	For the communication between ONLINE program and windows programs such as Access, Excel, Visual basic or SAP systems. Includes PC ARCHIVE with the ability of W&M approved storage of weighing data on PC hard disk	310.00
ScaleView (primary)	W&M approved, PC-based weight display application for use as either a primary or secondary display, single scale licence (multiple scale licences available, £POA)	390.00
ScaleView (secondary)		260.00

Prices include delivery, VAT and stamping fees (unless stated)

PLATFORMS & BASES	INDICATORS	PROGRAMMABLE CONTROLLERS	PRINTERS & PERIPHERALS	LOAD CELLS	WEIGHTS	CERTIFICATION & DELIVERY	SPARES
-------------------	------------	--------------------------	------------------------	------------	---------	--------------------------	--------