

Heavy Duty Platform Scale Stainless Steel - R420-Industrial Indicator

Capacity 3000kg x 0.5kg graduation with a high Accuracy Scale 0.1% of the applied load The Euroscopes heavy duty platform scales as designed with rugged continuous use in mind for commercial and industrial applications.

The R420 indicator is a comprehensive general purpose indicator designed with both the installer and operator in mind. Flexibility is the key with its award winning modular accessory design. Modules include: additional serial options, input/outputs, analogue outputs, external buttons and battery or AC option. The robust input/output has been designed for direct connection into PLC's. Powerful product configuration allows for parameters like setpoint targets, piece weights and units conversions to be stored for each product. Simple setup through a menu system, either directly using the alpha numeric keypad or through our Viewer programme on a PC. Operator friendly, with a large two line display using logical prompts, and dedicated and programmable function keys. Printing can be tailored with custom record, docket or reports printouts. Applications: Weighbridges, Floor scales, Goods receiving and shipping, Parts counting, Silo weighing and Process control



| Performance   |  |         |                  |
|---------------|--|---------|------------------|
| Resolution    | 100,000 div @ 0.25 μV/Div                                |         |                  |
| Excitation    | 7.4V DC  |         |                  |
| Drive         | 16 x 350 ohm   |         |                  |
| Linearisation | 10 points  |         |                  |
| Range         | Single/Dual Range, Dual Interval                         |         |                  |
| Approvals     | EU OIML R76, 10,000 Divs. @ 0.7μV/Div / C-Tick, CE & FCC |         |                  |
| Physical      |  |         |                  |
| Display Type  | LCD display; LED backlight                               | Housing | ABS Plastic IP65 |

|            |                             |            |                 |
|------------|-----------------------------|------------|-----------------|
| Digit Size | 29mm Primary,18mm Secondary | Dimensions | 246(W) x 121(H) |
|------------|-----------------------------|------------|-----------------|

|        |                 |             |         |
|--------|-----------------|-------------|---------|
| Keypad | 23 Silicon Keys | Pack Weight | 0.70 kg |
|--------|-----------------|-------------|---------|

|              |                         |               |                  |
|--------------|-------------------------|---------------|------------------|
| Power Switch | Front Panel with Memory | Function Keys | 3 Fixed, 3 Progr |
|--------------|-------------------------|---------------|------------------|

## Power input

|             |  |
|-------------|--|
| Plug top AC | 12-24 VDC                                      |
| AC          | 110-240 VAC (Acc) mains supply                 |
| Battery     | 12V 2.5Ah NiMH (Acc) rechargeable battery pack |

## Features

|           |       |           |               |
|-----------|-------|-----------|---------------|
| Serial 1A | RS232 | Serial 1B | RS485 TX Only |
|-----------|-------|-----------|---------------|

|                 |   |                |        |
|-----------------|---|----------------|--------|
| Accessory Slots | 4 | Input / Output | 32 I/O |
|-----------------|---|----------------|--------|

|            |                     |
|------------|---------------------|
| Set Points | 8                   |
| Functions  | R420-K401—1 Product |

R420-K402—250 Products Counting with Piece Weight Entry,

Clock Calendar, 4/6 Wire Custom Unit Switching, Hold & Peak Hold, Custom Printing, Auto Output

Optional extra Serial Ports

Optional Analogue Output

## Platform

|                 |  |
|-----------------|--|
| Loadcells       | IP67 sealed stainless steel load cells—Flintec                           |
| Standard Finish | Brushed 160 grit stainless steel finish                                  |
| Construction    | Heavy duty folded stainless steel construction with flat contact surface |

|          |  |
|----------|--|
| Size     | Standard Squares 800mm sq, 1000mm sq, 1250mm sq and 1500mm sq. All h |
| Cables   | standard cables 2.5M length with Amphenol plugs                      |
| Warranty | 12 Months on loadcells   |
| Feet     | Weights and Measures certified loadcell mounts, stainless steel      |