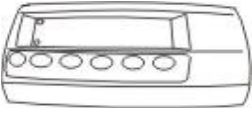







## Rinstrum Catalogue V 4.22











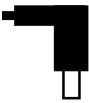









### R3xx Family Accessories

|   |   |  | Order Code |
|---|---|--|------------|
|    | H ware, Desk Mount, ABS,                    | ABS plastic desk stand with non-slip rubber feet for desktop use. Also holds 4xAA batteries. For use with R310 and R320.                                 | M3001      |
|    | H ware, Swivel Mount, Stainless,            | Stainless steel bracket for use with M3001 to provide easy post mounting.  | M3002      |
|    | H ware, Rear boot, ABS IP65, Waterproof     | ABS water proof boot. For use with R310 and R320.  | M3003      |
|    | H ware, Cover, Clear Protective, Pack of 10 | Clear plastic covers to protect instrument face from dirt/scratches while still allowing full functionality, in packs of 10. For use with R310 and R320. | M3005      |
|   | H ware, Pole Mount, Stainless,              | Stainless steel stand for pole mounting - for use with M3001 or M3003 boot and A10018 pole mount insert.   | M3007      |
|  | H ware, Physical Seal,                      | Trade sealing cover for use with lead seals or destructable void stickers.   | M3009      |
|  | H ware, Desk/Wall Mount, Attaches to Base   | Stainless steel stand, used as either a desk stand or flush wall mount, for use with R323.   | M3010      |
|  | H ware, Desk/Wall Mount, Attaches to Side   | Stainless steel stand, used as either a desk stand or wall mount, for use with R323.   | M3011      |
|  | Battery Pack, NiMH 4.8V 2.5AH ABS,          | One M3001 desk stand with 4xAA 4.8V 2.5Ah NiMH batteries, charging socket and smart charger.   | M3102      |
|  | Battery Pack, NiMH 12V 2.5AH ABS, IP65      | One M3003 boot with 2.5Ah 12V NiMH batteries, charging socket and internal charger. IP65   | M3103      |

R3xx Family Accessories

|  |   |  | Order Code   |
|--|---|--|--------------|
|   | H ware, 5.5 mm Socket Driver,                 | Assembly tool for R323 family  | M3901        |
|   | <b>Module, Converter, 0-10V/4-20mA Input,</b> | <b>Module, Converter, 0-10V/4-20mA, Connects to Load Cell Input on R300 series indicators for a voltage or current input</b> | <b>M3902</b> |
|   | Cable, Serial OptoLINK-DB9F,                  | RS232 to Optolink, service and setup interface cable.  | A10005       |
|   | Cable, Serial OptoLINK-USB, Driver CD         | USB to Optolink, service and setup interface cable, drivers for windows operating system supplied.                           | A10012       |
|  | Insert for pole mounting,                     | Variable diameter (36-38mm) insert for pole mounting with four holes for cabling.  | A10018       |






General Accessories

|   |   | Order Code    |
|---|---|---------------|
|    | 110-240VAC switch mode plug pack with country specific pin configuration to bare wires (12VDC output).                |               |
|    | Plug Pack 12VDC, AU Plug Bare Ends  | A10001        |
|    | Plug Pack 12VDC 2.5A, UK Plug Bare Ends   | A10002        |
|    | Plug Pack 12VDC, US Plug Bare Ends  | A10003        |
|    | Plug Pack 12VDC, EU Plug Bare Ends  | A10004        |
| <hr/>   |   |               |
|    | <b>110-240VAC switch mode plug pack with country specific pin configuration to bare wires (24VDC 1.25A output).</b>   |               |
|    | <b>Plug Pack 24VDC 1.25A, AU Plug Bare Ends</b>   | <b>A10035</b> |
|    | <b>Plug Pack 24VDC 1.25A, UK Plug Bare Ends</b>   | <b>A10036</b> |
|    | <b>Plug Pack 24VDC 1.25A, US Plug Bare Ends</b>   | <b>A10037</b> |
|   | <b>Plug Pack 24VDC 1.25A, EU Plug Bare Ends</b>   | <b>A10038</b> |
| <hr/>   |   |               |
| <b>For use with M3001 boot only</b>   |   |               |
|  | 110-240VAC switch mode plug pack with country specific pin configuration to a 2.1mm DC connector (12VDC 2.5A output). |               |
|  | Plug Pack 12VDC 2.5A, AU Plug 2.1mm Socket  | A10013        |
|  | Plug Pack 12VDC 2.5A, UK Plug 2.1mm Socket  | A10014        |
|  | Plug Pack 12VDC 2.5A, US Plug 2.1mm Socket  | A10015        |
|  | Plug Pack 12VDC 2.5A, EU Plug 2.1mm Socket  | A10016        |
| <hr/>   |   |               |
| <b>For use with 5xxx series indicators only</b>                                     |   |               |
|  | IEC Mains lead, 2m long with moulded country specific plug  |               |
|  | Cable, Mains, IEC to AU, 2m,  | A10031        |
|  | Cable, Mains, IEC to UK, 2m,  | A10032        |
|  | Cable, Mains, IEC to US, 2m,  | A10033        |
|  | Cable, Mains, IEC to EU, 2m,  | A10034        |



General Accessories

|   |   |  | Order Code  |
|---|---|--|-------------|
|    | I/H Cable, Adapter<br>7WAY/DB9, for L/C Input | Adapts the load cell input between<br>Ranger family and R family.  | A10009      |
|    | Power Supply, VDC, 2A<br>DIN Rail,            | 110-240VAC 12VDC 2A output, DIN<br>rail mountable switch mode power<br>supply  | A10010      |
|    | Battery Charger, NiMH,<br>Ansmann ACS110      | Supports AU, UK, US and EU pin<br>configurations   | A10011      |
|    | Data Logger, 4MB,<br>RS232, S/W V2.0d         | Data Capture using the RS-232<br>serial output of the indicator; 4MB<br>non-volatile flash memory; External<br>Power - 10V to 32V DC.  | A10017      |
|   | Load Cell Simulator,<br>Variable,             | 0-2.0mV/V simulator with 5 fixed<br>steps and a constantly variable<br>setting with course and fine<br>adjustment.   | 0051        |
|  | Batching Simulator,                           | Batching simulator for use with<br>R420 batching applications.   | 0090        |
|  | Summing Box, 6 L/C<br>Input Expan,            | 6 load cell input summing junction<br>with jumper switchable excitation<br>adjusting corner balance pots.<br>Housed in a durable IP55 aluminium<br>case. Signal trimming pots for<br>corner balancing.   | 0071        |
|  | <b>Profi-Bus Interface<br/>Module,</b>        | <b>Profibus-DP Gateway allows<br/>connection of up to two<br/>Indicators or Display devices via<br/>indicator networking protocols to<br/>Profibus-DP. Supports weight<br/>indicators - 5000, 5100 and R400<br/>Series. And the 6500 Remote<br/>Display.</b> | <b>1400</b> |

General Accessories

|   |  | Order Code  |
|---|--|---|
|    | Module, Converter, RS232, to RS485                   | Converts RS232 to RS485 full duplex four wire for long distance data communications. RTS switching for multi-drop compatibility can be selected in the 2150. No external power supply required when used with 21xx series indicators.<br><br>0080 |
|    | Module, Converter, RS232, to 20mA Current Loop       | Converts RS232 transmit only to 20mA current loop.<br><br>0081  |
|    | Module, ESD Protection, for Serial Ports & L/C Input | Protects load cell and comm port inputs against ESD (electrostatic discharge) damage.<br><br>0084   |
|   | Module, Opto Isolated, RS232, for Serial Ports       | Provides a fully isolated RS232 comms port interface. Useful for eliminating ground loops or protecting ports in particularly harsh electrical environments.<br><br>0085  |
|  | Module, Converter, 0-10VDC, for L/C Input            | Conditions a 0-10VDC or 4-20mA input for use with Rinstrum instruments. Use your weight indicator as a voltmeter, or read any sensor that has a DC output.<br><br>0086  |

**R Series Launch Kits (limit of one per customer, volume discounts don't apply)** Order Code

|   |                       |   |
|---|-----------------------|---|
|  | R320 Launch Pack,     | Includes: R320, Desk/Battery housing, load cell simulator, A10005 optolink cable, 4x AA batteries and documentation. Country specific power supply to be ordered separately.<br><br>R320-K302-L |
|  | R420-K402 Launch Kit, | Includes: R420-K402, Desk stand (M4001), 3 Modules (M4301, M4401, M4203), optolink cable, load cell simulator. Country specific power supply to be ordered separately.<br><br>R420-K402-L       |
|   | X320-K304 Launch Kit, | Includes: X320-K304-F (battery version), desk stand (M3012), optolink cable and load cell simulator.<br><br>X320-K304-L   |