



Australian Government  
Department of Industry,  
Innovation and Science

**National  
Measurement  
Institute**

**Interim  
Supplementary Certificate of Approval  
NMI S420**

**VALID FOR VERIFICATION PURPOSES UNTIL 19 AUGUST 2016**

Issued by the Chief Metrologist under Regulation 60  
of the  
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the instruments herein described.

Rinstrum Model R320 Digital Indicator

submitted by      Rinstrum Pty Ltd  
                         41 Success Street  
                         Acacia Ridge    QLD    4110

**NOTE:** This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This approval has been granted with reference to document NMI R 76, *Non-automatic weighing instruments, Parts 1 and 2*, dated July 2004.

**DOCUMENT HISTORY**

<b>Rev</b>	<b>Reason/Details</b>	<b>Date</b>
0	Pattern & variants 1 & 2 approved – interim certificate issued	30/06/03
1	Pattern & variants 1 & 2 approved – certificate issued	25/08/03
2	Pattern & variant 1 amended – notification of change issued	29/03/04
3	Variant 3 approved – certificate issued	31/03/05
4	Variant 4 approved – certificate issued	7/02/06
5	Variant 5 approved – certificate issued	22/08/06
6	Pattern amended – variants 6 & 7 approved – certificate issued	21/08/08

Document History (cont...)

Rev	Reason/Details	Date
7	Variant 8 approved – interim certificate issued	7/09/12
8	Pattern & variants 1 to 7 updated – variant 8 approved – certificate issued	5/10/12
6	Pattern & variants 1 & 2 reviewed & updated – variant 3 approved – certificate issued	draft/16
9	Pattern & variants 2 to 8 reviewed – variant 1 cancelled – variants 5, 6 & 8 amended – variants 9 to 11 approved – certificate issued	17/06/15
10	Variants 12 to 14 approved – interim certificate issued	19/02/16

## CONDITIONS OF APPROVAL

### General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI (or NSC) S420' and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked 'NMI (or NSC) S420' in addition to the approval number of the instrument, and only by persons authorised by the submitter.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates No S1/0/A or No S1/0B.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating the pattern approved herein shall be within the limits specified herein and in any approval documentation for the other components.

### 1. Description of Pattern

30/06/03

A Rinstrum model R320 class  $\text{III}$  single interval digital mass indicator which is approved for use with up to 4000 verification scale intervals. May also be known as other brands (makes) of the same model.

**Technical Schedule No S420 dated 17/06/15 describes the pattern & variants 1 to 11.**

### 2. Description of Variant 12

approved on 19/02/16

Those models of the pattern or variants described as using Version 3.xx software of types K342, K344, K346, K354, K356 or K376 may alternatively use Version 4.xx software of the corresponding type. This software provides for a larger memory capacity and incorporates some additional non-metrological changes to the remapping of the memory boundaries.

### 3. Description of Variant 13

approved on 19/02/16

The model R320, R323 or R325 indicators (similar to variant 8 or 9), using Version 4.xx software of types K34x or K35x. This includes alternatively named models described as 'may also be known as' (e.g. PT200P). The model R320 may also be known as a model CONW-WT.

For the type K34x software:

- K342 represents a variant with no available serial, no printing function, no clock calendar, weight hold function fixed button, no I/O, no setpoints.
- K344 represents a variant with available serial output, no clock calendar, weight hold function fixed button, 1 input no output, no setpoints
- K346 represents a variant with available serial output, no clock calendar, weigh hold function fixed button, 1 input, 2 outputs, 2 setpoints

For the type K35x software:

- K354 represents a variant with available serial output, clock calendar, function button for one function either unit switching, counting, peak hold, manual hold, totalising, display test, high resolution, 1 input, no outputs, no setpoints
- K356 represents a variant with available serial output, clock calendar, function button for one function either unit switching, counting, peak hold, manual hold, totalising, display test, high resolution, 1 input, 2 outputs, 2 setpoints

### 3. Description of Variant 14

approved on 19/02/16

The model X320 indicator (similar to variant 10), using Version 4.xx software of type K37x. This includes alternatively named models described as 'may also be known as' (e.g. PT200X).

For the type K37x software

- K376 represents a variant with available serial output, clock calendar, function button for one function either unit switching, counting, peak hold, manual hold, totalising, display test, high resolution, checkweighing, 1 input, 3 outputs, 3 setpoints
- K378 represents a variant with available serial output, clock calendar, function button fixed for checkweighing 1 input, 3 outputs, 3 setpoints

Signed by a person authorised by the Chief Metrologist to exercise their powers under Regulation 60 of the *National Measurement Regulations 1999*.



Dr A Rawlinson