

MINISTRY OF
CONSUMER AFFAIRS
WELLINGTON, NEW ZEALAND

Weights and Measures Regulations 1999
Part 1 Regulations 5 and 6

Current Date of Issue: 6 July 2005

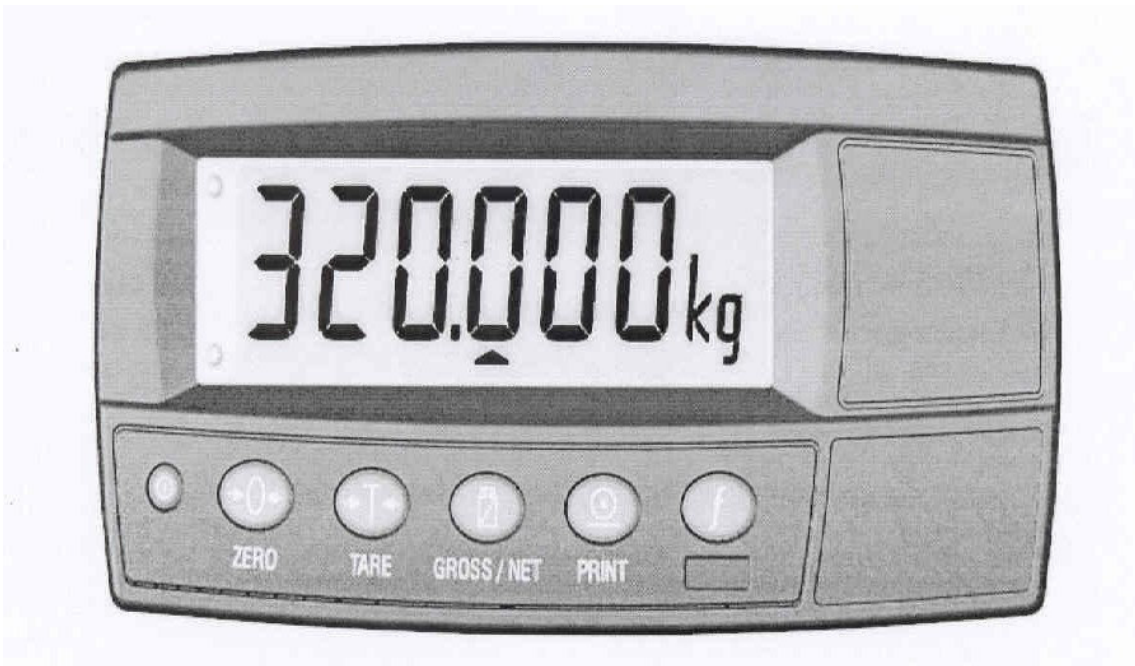
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Certificate 1794

Overseas Certificate Number: NMI-TC6242

This certifies that the PT 200 Series, WEIGHING INSTRUMENT described overleaf has been approved as suitable for trade use subject to any conditions stated in the schedule:

PT 200 Series Indicator



B D Morgan

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Under delegated authority from the Chief Executive of the Ministry of Economic Development

Note: This is not an approval to any person but only with respect to the type and pattern of weight, measure, or weighing or measuring instrument.

SCHEDULE

Pattern: Weighing Instrument

Make: PT

Model: 200 Series

Manufacturer: PT Limited, Auckland, New Zealand

Submitter: PT Limited

Maximum capacity (Max)=: (n=4000) Max

Minimum Capacity (Min)=: 20e

Verification Scale Interval (e=): Various

Class:



Conditions of Approval

1. The number of verification scale intervals applicable to a complete weighing instrument which includes this pattern shall not exceed the smaller of:
 - i) the number of verification scale intervals approved for this indicator.
 - ii) the number of verification scale intervals for the basework.
2. Instruments not greater than 100 kg capacity shall carry a notice stating " NOT TO BE USED FOR TRADING DIRECT WITH THE PUBLIC " or similar wording.
3. The number of verification scale intervals applicable to an instrument which includes this indicator shall not exceed 3000 when the instrument is installed:
 - 1) with the whole instrument outdoors.
 - 2) with the basework outdoors

Description

PT Model 200 series of weighing instruments are single interval, self indicating devices and can be designed as:-

$n \leq 4000$ for class III instruments, or
 $n \leq 1000$ for class IIII instruments.

Where, n = number of verification scale intervals.

PT Model 200 Series of weighing instruments can come in different models as listed below in the Table

Model	Description	Mounting Type
PT200R	Basic Indicator	Panel/Desk
PT200M	Multi-function Indicator	Desk/Pole or wall mounted
PT200P	Multi-function (Stainless steel)	Wall/Desk Mounted

The software used in the indicator has the identification number in the form of V1.xx or 2.xx and this number should be displayed at start-up.

Metrological Markings

A plate, which carries the metrological markings, is affixed to the side of the instrument.

Manufacturer's name	Serial number	
Accuracy class	Pattern approval No	TMU/TSS 1794
Max cap*		
Min cap*		
Verification scale interval*		
Tare capacity		

*These markings shall also be shown near the display.

Zero setting devices

Initial zero setting:- not more than 20% of maximum capacity.

Semi-automatic zero setting:- not more than 4% of maximum capacity.

Zero tracking device:- not more than 4% with corrections $\leq 0.5d/\text{second}$

Accuracy $\pm 0.25e$.

Tare setting devices

Semi-automatic subtractive tare.

SEALING

The calibration mode is password protected and an event counter is incremented each time any parameter or calibration change is made. This number should be displayed on an approved, destructible label next to the indicator display.

An approved, adhesive destructible label covering one or more of the screws at the back of the indicator shall take the Mark of Verification as shown in the sealing diagram. Removal of these seals deems the instrument not verified.

MARK OF VERIFICATION

An approved, adhesive destructible label placed in a prominent position near to the digital display may take a mark of verification.

LEVELLING

As on compatible, approved basework.