



**Australian Government**  
**Department of Industry, Science,  
Energy and Resources**

**National  
Measurement  
Institute**

36 Bradfield Road, West Lindfield NSW 2070

**Certificate of Approval**

**NMI 6/4C/313**

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.

Bizerba Model CS300MA98 Weighing Instrument

submitted by Bizerba Australia Pty Ltd  
1/575 Darling Street  
Rozelle NSW 2039.

**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 October 2015.

This approval becomes subject to review on 1/06/25, and then every 5 years thereafter.

**DOCUMENT HISTORY**

<b>Rev</b>	<b>Reason/Details</b>	<b>Date</b>
0	Pattern & variant 1 approved – certificate issued	05/05/20

## CONDITIONS OF APPROVAL

### General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI 6/4C/313' 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 Certificate No S1/0B.

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



**Darryl Hines**  
Manager  
Policy and Regulatory  
Services

TECHNICAL SCHEDULE No 6/4C/313

**1. Description of Pattern** **approved on 05/05/20**

A Bizerba model CS300MA98 class  $\text{III}$  multi-interval self-indicating non-automatic weighing instrument (Figure 1) with a verification scale interval  $e_1$  of 0.002 kg up to 6 kg and with a verification scale interval  $e_2$  of 0.005 kg from 6 kg to the maximum capacity of 15 kg. The minimum capacity is 0.04 kg.

Instruments are fitted with one Bizerba model P single-sided display or one Bizerba model P double-sided remote display mounted on a column (Figure 2). Instruments are marked 'NOT FOR TRADING DIRECT WITH THE PUBLIC' (or similar wording) unless two displays are present or unless the single display is located such that all primary indications are clearly and simultaneously displayed to both the vendor and the customer.

Instruments may be fitted with an extended (vertical) weighing platform attachment, which is part of the 'live' weight receptor, as shown in Figure 1.

Instruments may be fitted with a Bizerba WS36 load cell of 36 kg maximum capacity. The 'live' receptor size is 279 mm × 388 mm.

Instruments may be fitted with output sockets (output interfacing capability) for the connection of auxiliary and/or peripheral devices.

Note: Surge testing has not been carried out as the manufacturer has indicated that typical installations risk of a significant influence of surges is not expected – i.e. intended installation is wholly indoors with signal lines of 30 m or less.

**1.1 Zero**

A zero-tracking device may be fitted.

The initial zero-setting device of the pattern has a nominal range of not more than 20% of the maximum capacity of the instrument.

The instrument has a semi-automatic zero-setting device with a nominal range of not more than 4% of the maximum capacity of the instrument.

The instrument has an automatic zero-setting device with a nominal range of not more than -2% of the maximum capacity of the instrument.

**1.2 Tare**

A semi-automatic subtractive tare up to 9.995 kg maximum tare capacity may be fitted.

A separate display of tare values is provided.

**1.3 Display Check**

A display check is initiated whenever power is applied.

**1.4 Scanner**

Instruments are provided with an integral Datalogic Magellan 9800i image scanner for reading bar codes.

**1.5 Power Supply**

Power for the Bizerba model CS300MA98 instruments may be supplied by either:

- a 12 V AC/DC mains adaptor; or

- a 12 V DC supplied by a PoweredUSB.

Note: The AC/DC mains adaptor supplied for the instrument was Pihong model PSAC30U-120L6 power supply (output 12 V DC, 2.5 A) – the submitter should be consulted regarding the acceptability of alternative power supply units.

## 1.6 Levelling

The instrument is intended to be installed in a fixed position (e.g. a supermarket check-out).

## 1.7 Verification Provision

Provision is made for the application of a verification mark.

## 1.8 Interfaces


Instruments may be fitted with interfaces for the connection of auxiliary and/or peripheral devices. Any interfaces shall comply with clause 5.3.6 of document NMI R76 (the basic intent of which is that it shall not be possible to alter weighing results via the interfaces).

Any measurement data output from the instrument or its interfaces shall only be used for trade in compliance with Supplementary Certificate No S1/0/B (in particular in regard to the data and its format).

Instruments may be fitted with serial data interface, USB interface, Top Down Reader (TDR) interface, Checkpoint or Sensormatic EAS interface, image interface, host interfaces and AUX interfaces.

## 1.9 Descriptive Markings and Notices

Instruments carry the following markings:

Manufacturer's mark, or name written in full	Bizerba
Indication of accuracy class	
Pattern approval mark for the instrument	NMI 6/4C/313
Maximum capacity	<i>Max</i> ...../..... g or kg #1
Minimum capacity	<i>Min</i> ..... g or kg #1
Verification scale interval	<i>e</i> = ...../..... g or kg #1
Maximum subtractive tare	<i>T</i> = - ..... g or kg #2
Serial number of the instrument	.....

#1 These markings are shown near the display of the result.

#2 This marking is required if *T* is not equal to *Max*.

## 1.10 Sealing Provision

Provision is made for the configuration parameters and calibration adjustments to be sealed by means of a destructible adhesive label placed over the securing screw on the cover plate underneath the load receptor as shown in Figure 4a.

## 1.11 Software

The software is identified by ID number and designated version as listed in Table 1, where 'x' or 'y' refers to the identification of non-legally relevant software.

TABLE 1

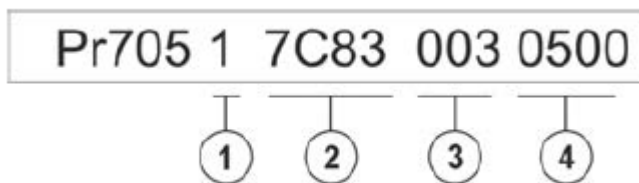
Type of Software	Software ID	Software Version Number
CS300 Weighing Instrument Software	7C83	003 xxyy
ADC Software (Bizerba WS Load Cell)	-	60280004xy
	4523	001

The instructions for accessing the software version and number are as follows (starting from the normal weighing mode and using the keys on the scanner or P remote display):

- Press the 'ZERO' key 6 times and then the 'TARE' key once.
- Press the 'ZERO' key 6 times and then the 'TARE' key once.

#### Weighing Instrument Software

- Press the 'ZERO' key 4 times and the Pr705 appears.
- Press the 'TARE' key. The Bizerba CS300 software version number and software ID are displayed,



1 = program step

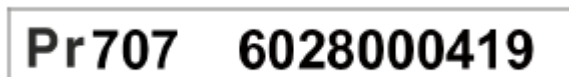
2 = software ID

3= version and number of legally relevant software

4 = version and number of non-legally relevant software

#### ADC Software

- Press the 'ZERO' key 6 times and the Pr707 appears.
- Press the 'TARE' key. The Bizerba ADC software version number is displayed,



## 2. Description of Variant 1

**approved on 05/05/20**

The Bizerba model CS300MA94 which is similar to the pattern but fitted with a Datalogic Magellan 9300i or 9400i scanning equipment.

Instruments are fitted with a Bizerba WS18 load cell of 18 kg maximum capacity. The 'live' receptor size is having a 279 mm x 372 mm.

Instruments use a Pihong model PSAA18U-120, 12 V DC, 1.5 A AC/DC mains adaptor or a 12 V DC supplied by a PoweredUSB; the submitter should be consulted regarding the acceptability of alternatives.

#### TEST PROCEDURE No 6/4C/313

Instruments shall be tested in accordance with any relevant tests specified in the National Instrument Test Procedures.

#### **Maximum Permissible Errors**

The maximum permissible errors are specified in Schedule 1 of the *National Trade Measurement Regulations 2009*.

FIGURE 6/4C/313 – 1



(a) Bizerba Model CS300MA98 Weighing Instruments (Pattern)



(b) Bizerba Model CS300MA98 With Load Receptor Plate Removed (Pattern)

FIGURE 6/4C/313 – 2



Bizerba Model P Display



FIGURE 6/4C/313 – 3



Bizerba Model CS300MA94 Weighing Instruments (Variant 1)



Bizerba Model CS300MA94 Weighing Instruments With Load Receptor Plate  
Removed (Variant 1)

FIGURE 6/4C/313 – 4



(a) Sealing of Model CS300MA98



(b) Sealing of Model CS300MA94

Typical Sealing Arrangement

~ End of Document ~