



Australian Government
National Measurement
Institute

Bradfield Road, West Lindfield NSW 2070

Cancellation
Certificate of Approval No 6/4C/212

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

This is to certify that the approval for use for trade granted in respect of the

Fujitsu Model 9900 Weighing Instrument

submitted by Fujitsu Australia Limited
 1230 Nepean Hwy
 Cheltenham VIC 3192

has been cancelled in respect of new instruments as from 1 December 2007.

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

A handwritten signature in black ink, appearing to be 'J. H. T.', written in a cursive style.



Australian Government

National Standards Commission

12 Lyonpark Road, North Ryde NSW 2113 Australia

Certificate of Approval

No 6/4C/212

Issued 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

Fujitsu Model 9900 Weighing Instrument

submitted by Fujitsu Australia Limited
1230 Nepean Hwy
Cheltenham VIC 3192.

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.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 November 2006, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/212 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 Commission 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 the Commission's Document NSC P 106.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

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

DESCRIPTIVE ADVICE

Pattern: approved 26 October 2001

- A Fujitsu model 9900 self-indicating weighing instrument of 15 kg maximum capacity.

Technical Schedule No 6/4C/212 describes the pattern.

Variant: approved 25 September 2003

1. A Fujitsu model F7521F75 weighing instrument.

Technical Schedule No 6/4C/212 Variation No 1 describes variant 1.

Variant: approved 17 November 2003

2. With a modified front panel.

Technical Schedule No 6/4C/212 Variation No 2 describes variant 2.

Variant: approved 14 May 2004

3. A Fujitsu model F7521F76 weighing instrument.

Technical Schedule No 6/4C/212 Variation No 3 describes variant 3.

FILING ADVICE

Certificate of Approval No 6/4C/212 dated 20 November 2003 is superseded by this Certificate, and may be destroyed. The documentation for this approval now comprises:

- Certificate of Approval No 6/4C/212 dated 17 May 2004
- Technical Schedule No 6/4C/212 dated 15 February 2002 (incl. Test Procedure)
- Technical Schedule No 6/4C/212 Variation No 1 dated 15 August 2003
- Technical Schedule No 6/4C/212 Variation No 2 dated 20 November 2003 (incl. Notification of Change)
- Technical Schedule No 6/4C/212 Variation No 3 dated 17 May 2004
- Figures 1 and 2 dated 15 February 2002
- Figure 3 dated 20 November 2003

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

A handwritten signature in black ink, appearing to be 'J. G. T.', is located to the right of the signature text.

TECHNICAL SCHEDULE No 6/4C/212

Pattern: Fujitsu Model 9900 Weighing Instrument.

Submitter: Fujitsu Australia Limited
1230 Nepean Hwy
Cheltenham VIC 3192.

1. Description of Pattern

A Fujitsu model 9900 self-indicating weighing instrument (Figure 1) of 15 kg maximum capacity with a verification scale interval of 0.005 kg.

Instruments are fitted with one or two model 9900-R displays mounted on a column (Figure 1). 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 are approved for use over a temperature range of 0°C to +40°C and are so marked.

Instruments use an ASTEC model SA25-3110-0 A/C 1939 power supply.

Instruments are installed in a fixed location, e.g built into a checkout counter.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25e$ whenever power is applied and whenever the instrument comes to rest within $0.5e$ of zero.

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.

1.2 Display Check

A display check is initiated whenever power is applied.

1.3 Scanner

Instruments are provided with an integral laser scanner for reading bar codes.

1.4 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

1.5 Sealing Provision

Provision is made for the calibration adjustments to be sealed by means of the pair of sealing screws located under the load receptor (Figure 2).

1.6 Markings

Instruments carry the following markings:

Manufacturer's mark, or name written in full	Fujitsu Limited
Indication of accuracy class	Ⓜ
Pattern approval mark for the instrument	NSC No 6/4C/212
Maximum capacity	<i>Max</i> kg *
Minimum capacity	<i>Min</i> kg *
Verification scale interval	<i>e</i> = kg *
Serial number of the instrument
Special temperature limits	0°C to +40°C

- * These markings shall also be shown near the display of the result if they are not already located there.

TEST PROCEDURE

Instruments should be tested in accordance with any relevant tests specified in the Uniform Test Procedures.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads on initial verification/certification for loads, *m*, expressed in verification scale intervals, *e*, are:

- ±0.5 *e* for loads $0 \leq m \leq 500$;
- ±1.0 *e* for loads $500 < m \leq 2\,000$; and
- ±1.5 *e* for loads $2\,000 < m \leq 10\,000$.

Ensure that instruments are only being used within the special temperature limits stated elsewhere in this Technical Schedule.

TECHNICAL SCHEDULE No 6/4C/212
VARIATION No 1

Pattern: Fujitsu Model 9900 Weighing Instrument.

Submittor: Fujitsu Australia Limited
1230 Nepean Hwy
Cheltenham VIC 3192.

1. Description of Variant 1

The Fujitsu model F7521F75 self-indicating weighing instrument which is the same as the pattern (model 9900) except for components and software relating to the scanning function.

The model F7521F75 still uses the model 9900-R displays and the ASTEC model SA25-3110-0 A/C 1939 power supply described for the pattern in Technical Schedule No 6/4C/212 dated 15 February 2002.

The submittor should be consulted regarding the acceptability of alternative power supplies.

TECHNICAL SCHEDULE No 6/4C/212
VARIATION No 2

Pattern: Fujitsu Model 9900 Weighing Instrument

Submittor: Fujitsu Australia Limited
1230 Nepean Hwy
Cheltenham VIC 3192

1. Description of Variant 2

An alternative version of the Fujitsu model F7521F75 self-indicating weighing instrument which is the same as variant 1 except for a modified front panel (Figure 3).

Instruments may also be known as the model 9900.

NOTIFICATION OF CHANGE

In Technical Schedule No 6/4C/212 dated 15 February 2002, the following footnote is added to clause **1. Description of Pattern**:

“Note: Minor variations from the platter shown in Figure 1 are acceptable, e.g. with the inclusion of the company logo. This is acceptable for the pattern and variants.”

TECHNICAL SCHEDULE No 6/4C/212

VARIATION No 3

Pattern: Fujitsu Model 9900 Weighing Instrument

Submittor: Fujitsu Australia Limited
1230 Nepean Hwy
Cheltenham VIC 3192

1. Description of Variant 3

The Fujitsu model F7521F76 weighing instrument which is the same as the model F7521F75 (variants 1 and 2) except for an additional interfacing port (USB).

The model F7521F76 uses a model CA01007-0540 AC mains adaptor as the power supply – the submitter should be consulted regarding the acceptability of alternative power supply units.

6/4C/212
15 February 2002

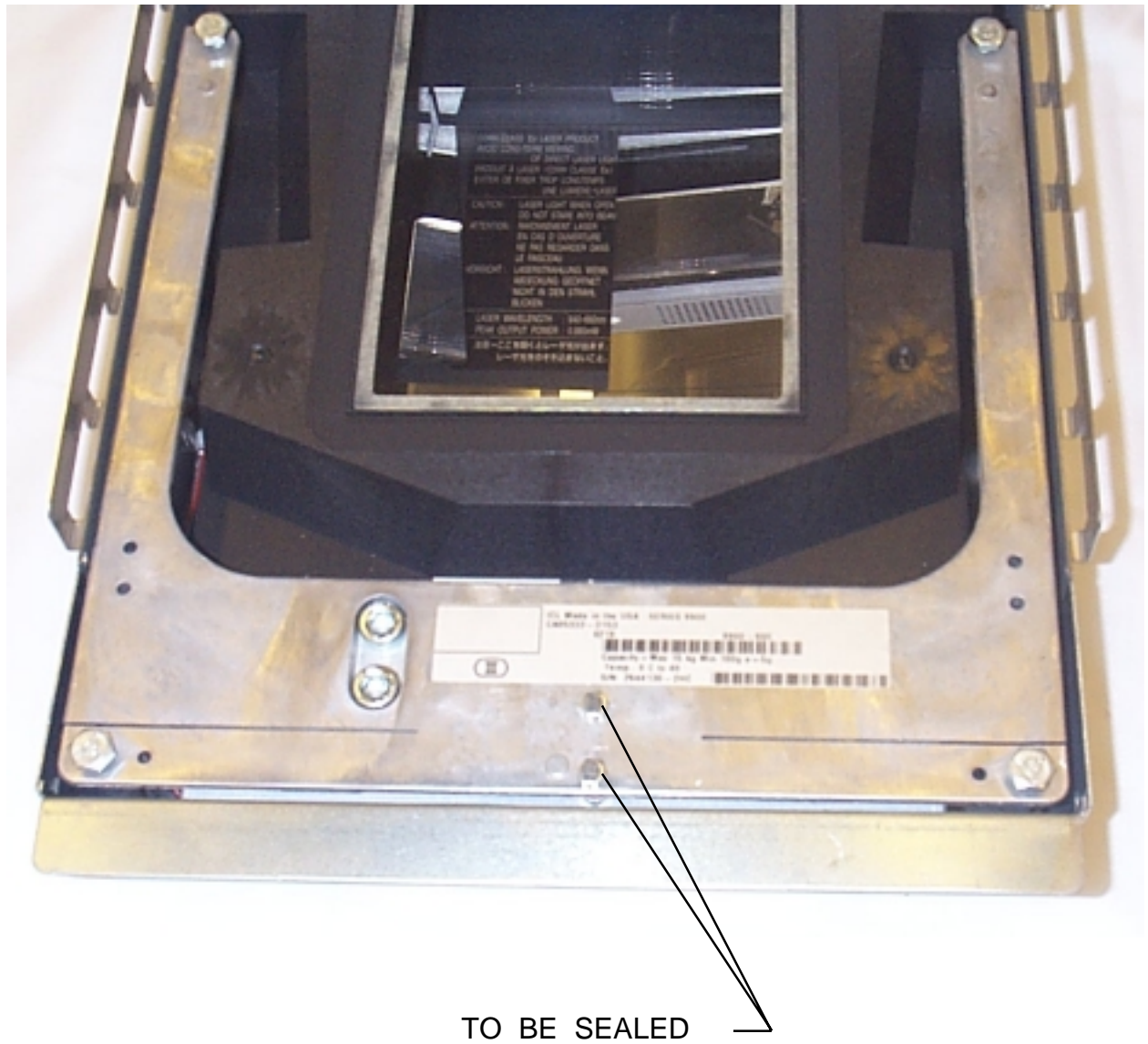
FIGURE 6/4C/212 - 1



Fujitsu Model 9900 Weighing Instrument

6/4C/212
15 February 2002

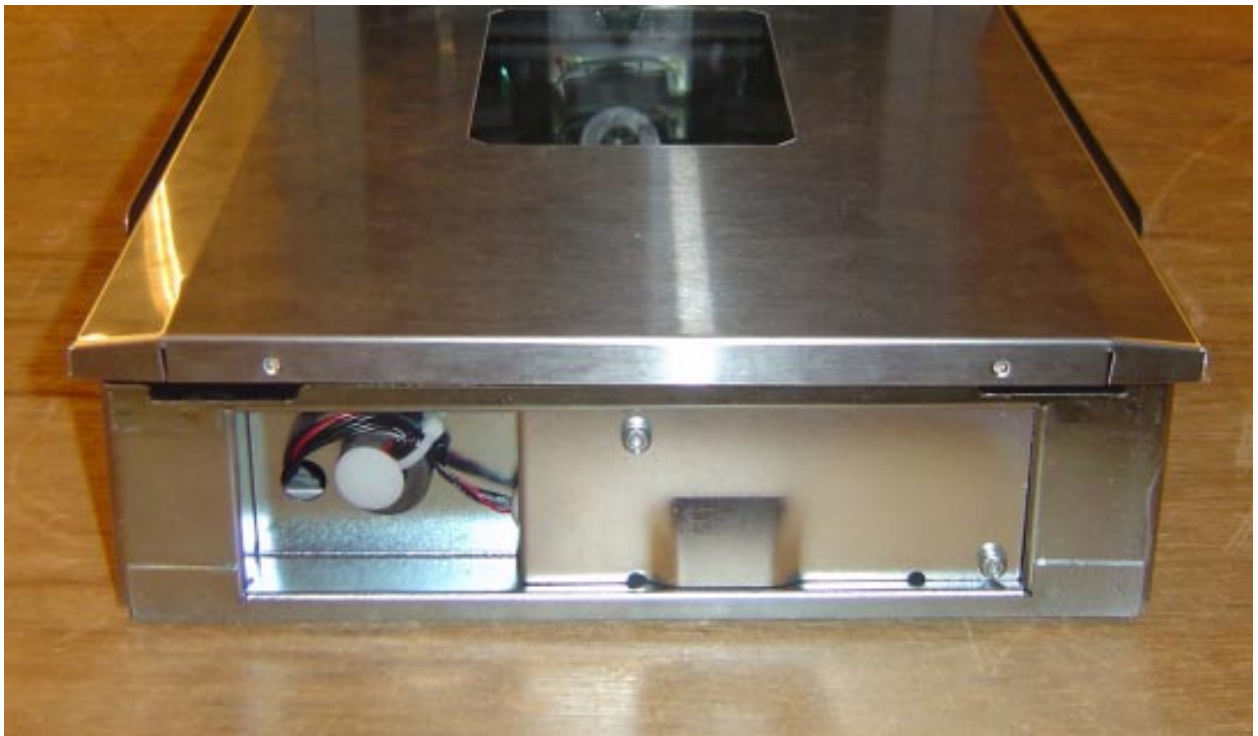
FIGURE 6/4C/212 - 2



TO BE SEALED

Showing Sealing Provision

FIGURE 6/4C/212 – 3



Fujitsu Model F7521F75 (or 9900) With a Modified Front Panel