



I-21/34/2025-W&M Section]
GOVERNMENT OF INDIA/भारत सरकार
MINISTRY OF CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय
DEPARTMENT OF CONSUMER AFFAIRS/ उपभोक्ता मामले विभाग
LEGAL METROLOGY DIVISION/ विधिक मापविज्ञान प्रभाग
Krishi Bhawan/कृषि भवन, नई दिल्ली
Dated/दिनांक:- 19.02.2025

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by the prescribed authority, is satisfied that the model described in the said report is in conformity with the provisions of the Legal Metrology Act, 2009 (1 of 2010) and the Legal Metrology (Approval of Models) Rules, 2011 and the said model is likely to maintain its accuracy over periods of sustained use and to render accurate service under varied conditions;

Now, therefore, in exercise of the powers conferred by section 22 of the Legal Metrology Act, 2009 (1 of 2010) read with sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules, 2011, as per OIML R 129, the Central Government hereby issues the certificate of approval of the model of Multi-dimensional measuring instrument of series "IVOL-900" and with brand name "SENMAX" (hereafter in referred to as the said model), manufactured by M/s. Senmax Technologies P Ltd., 20/1, Mura Tower, First Floor, Vaigai Colony, 12th Avenue, Ashok Nagar, Chennai-60083 and which is assigned the approval mark IND/09/25/44 (the picture of model is given below as figure 1.);

The said model is Multi-Dimensional Measuring Instrument that uses laser beam sensors and electronics to measure the dimension of opaque objects and calculates its volume.

Technical Data:

Instrument	Multi-dimensional measuring instruments
Procedure Adopted for testing & Conformity	OIML R-129:2020
Maximum ((L X W X H)	L=2000 cm, W= 2000cm, H= 500 cm
Minimum (L X W X H)	10d; L= 20cm, W= 20cm, H= 20cm
Scale Interval "d" (L X W X H)	L=2 cm, W=2 cm, H=2 cm
Speed Range	1 km/h to 10 km/h
Type of Display	LCD
Power Supply	230 V AC

Figure 1



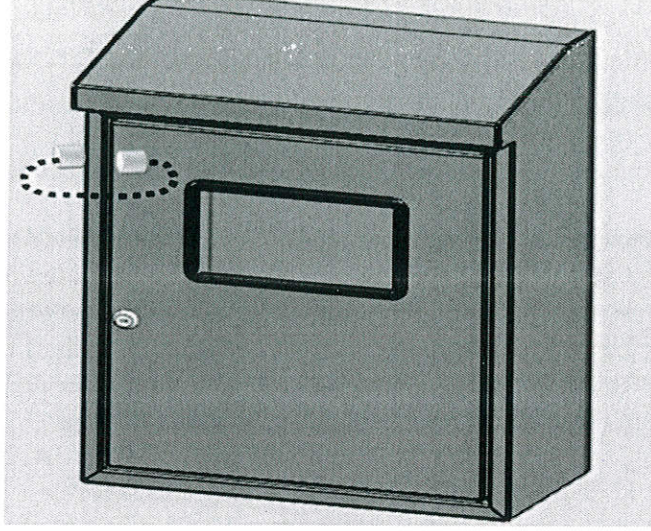


Figure 2

Sealing is done by passing the sealing wire through the holes provided on the body of machine (a typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2). A dip switch has also been provided in mother board/PCB to disable access to external calibration.

Further, in exercise of the power conferred by sub-rule (9) of rule 8 of the Legal Metrology (Approval of Models) Rules, 2011, the Central Government hereby declares that this certificate of approval of the said model shall also cover the Multi-dimensional measuring instrument of similar make, accuracy and performance of same series with L= upto 5000 cm , W= upto 5000 cm and H= upto 1000 cm manufactured by the same manufacturer in accordance with the same principle, design and with the same materials with which, the said approved model has been manufactured.

[F.No. I-21/34/2025-W&M Section]

(Signature)

Director (Legal Metrology) to Govt. of India/ निदेशक (विधिक माप विज्ञान) भारत सरकार

Phone/दूरभाष 01123389489

Email/ई-मेल: dirwm-ca@nic.in

Online Application No. 16576