



[I-21/109/2025-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:- 19.05.2025

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 Schedule Eighth of the Legal Metrology (General) Rules, 2011, the Central Government hereby issues the certificate of Measuring systems for liquids other than water with digital indication of Accuracy Class 0.5 of series "ADU-501" with brand name "ICON EMBEDDED CONTROLS" (here in after referred to as the said model), manufactured by M/s Icon Embedded Controls, 374/2, Jothinagar 2nd Street , Ramanujam Nagar Extn, Uppilipalyam Post, Coimbatore, Tamil Nadu-641015 and which is assigned the approval mark IND/09/25/176 (the picture of the model is given below as Figure 1);

Technical Data:

Accuracy class	0.5
Maximum Flow Rate	5 lpm
Minimum Flow Rate	2 lpm
Minimum Measured Quantity(MMQ)	500 ml
Resolution/Smallest Division	50 ml
Non resettable Totalizer	7 digits
Volume Display	6 digits
Amount Display	6 digits
Rate Display	5 digits
Display Type	LCD
No.of Nozzles	1
Power Supply	230 V AC
Intended use	To deliver the Adblue or DEF

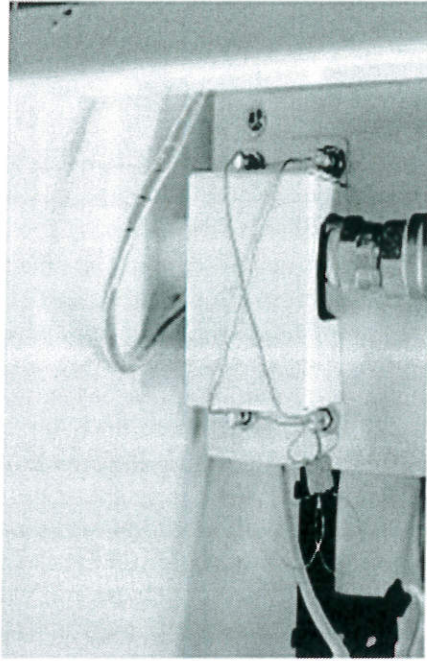
Figure 1

TRADE NAME: ICON EMBEDDED CONTROLS
MODEL NAME: ADU-501





FLOWMETER



ELECTRONIC CONTROLLER

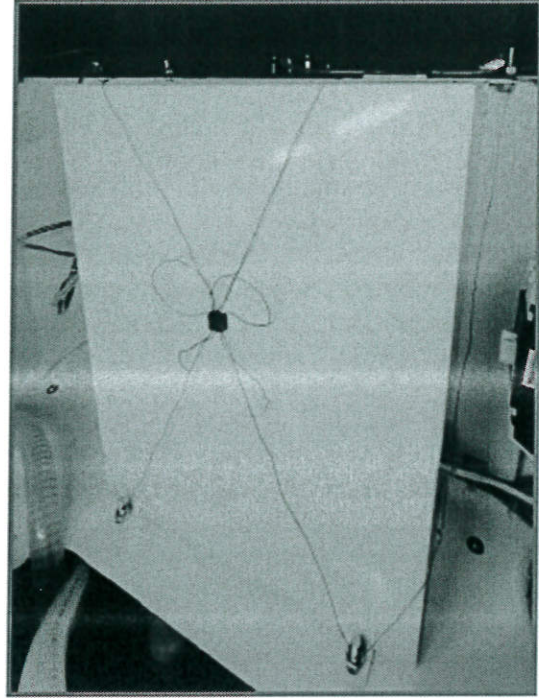


Figure 2.

The positive displacement flowmeter is sealed through four screw holes, used to cover the flowmeter. The Electronic controller used for digital Adblue/Diesel Exhaust fluid dispenser is sealed through four screw holes, used to cover the electronic controller. A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2.

[F.No. I-21/109/2025-W&M]

(Ashutosh Agarwal)

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