



Consumer and  
Corporate Affairs

Consommation et  
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Standards

Normes

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

S.WA-822

Revision 1

Ottawa, April 3, 1978

A.O. SMITH LIQUID METERS "T" SERIES

MANUFACTURED BY: A.O. Smith Corporation  
Meter System Division  
Erie, Pennsylvania, U.S.A.

DEVICES LISTED: Liquid Meters -

<u>Model No.</u>	<u>Pipe Size Inches</u>	<u>Flow Range</u>		<u>Pressure Max. PSI</u>
		<u>GPM</u>	<u>L/M</u>	
T-7	1½	12-60	55-275	150 (now obsolete)
T-11	2	17-85	75-385	150
T-20	3	33-165	150-750	150
T-40	Not Approved			

Model numbers are preceded by the letter "B"  
when meters have Imperial gallon registration.

APPLICATION: The metering of fuel oil, gasoline and other  
petroleum products from tank trucks and in small  
bulk plants.

DESCRIPTION: These meters supersede the model T-6, T-10 and  
T-15 respectively. The changes common to the three  
models are that the internals now contain almost  
no brass parts. On some models there are differences  
in the design of the strainer/air eliminator and  
the caibrator, and in certain other features as  
noted below:

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Model T-7: A model AM-5 heavy duty line - meter type calibrator is now used on this model, otherwise its appearance is the same as that of the model T-6.

Model T-11: This model uses a strainer/air eliminator of new design designated as the model T2A. It can be equipped with a SP2 set/stop valve or XR2 air/stop valve. The model AM-5 heavy duty calibrator is used.

Model T-20: This model uses the new model T3A strainer/air eliminator, which incorporates a float-operated butterfly valve to throttle the flow of product when air/vapour fills the float chamber. This butterfly valve permits the T-20 meter to be used either on gravity or pump supplied systems. A copy of relevant A.O. Smith brochures will be made available to all Weights and Measures Offices to provide additional technical information on these meters.

TESTING: The standard tests for bulk liquid meters shall apply.

REFERENCE: G6953-S505-16.

CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, chapter 36, and the Weights and Measures Regulations P.C. 1974-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.



John Armstrong  
Chief, Weights & Measures  
Legal Metrology Branch.