

## VTM series Turbine Flow Meters



Quality  
ISO 9001



Acme VTM series flowmeters are designed and manufactured in Australia, and offer superior accuracy combined with exceptionally long life. Acme VTM series turbine meter also offers increased safety as there are no glands or packings that can fail and cause product leakage. A removable coil module provides signal with either 0 – 20 MV sine wave or 5 volt square wave output. Meters are supplied with provision for 2 coils at 90 degrees (electrical) spacing. All meters are bi-directional.

Acme also supply a range of Accessories to suit the VTM Series turbine meters including Totalisers offering mains or battery power and batch or temperature compensation. Strainers and air/vapor eliminators, differential valves and shut off valves are also available. The VTM series meters are Australian N.M.I (weights and measures) approved for custody transfer applications for products such as LPG, NH<sub>3</sub>, Adblue (DEF), lubricating and cooking oil, and general petroleum products.

### Construction –

<b>Body</b>	<b>Stainless Steel</b>
<b>Flanges</b>	<b>300LB stainless steel</b>
<b>Rotor</b>	<b>Stainless steel</b>
<b>Axle</b>	<b>Tungsten carbide or stellite</b>
<b>Bearings</b>	<b>Teflon or Tungsten Carbide</b>

Model	Size	Min Flow (Litres)	Max Flow (Litres)
VTM005	12mm	8	50
VTM100	25mm	20	450
VTM150	32mm	100	500
VTM200	50mm	200	1450

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## Spare Parts

**acme** VTM series turbine meters are sealed during manufacture and contain no user serviceable mechanical parts. Coil modules are available as follows.

**VTM – CM** (standard sine wave coil module c/w locknuts)

**VTM – CM – AMP** (12 volt powered amplified coil module c/w locknuts)

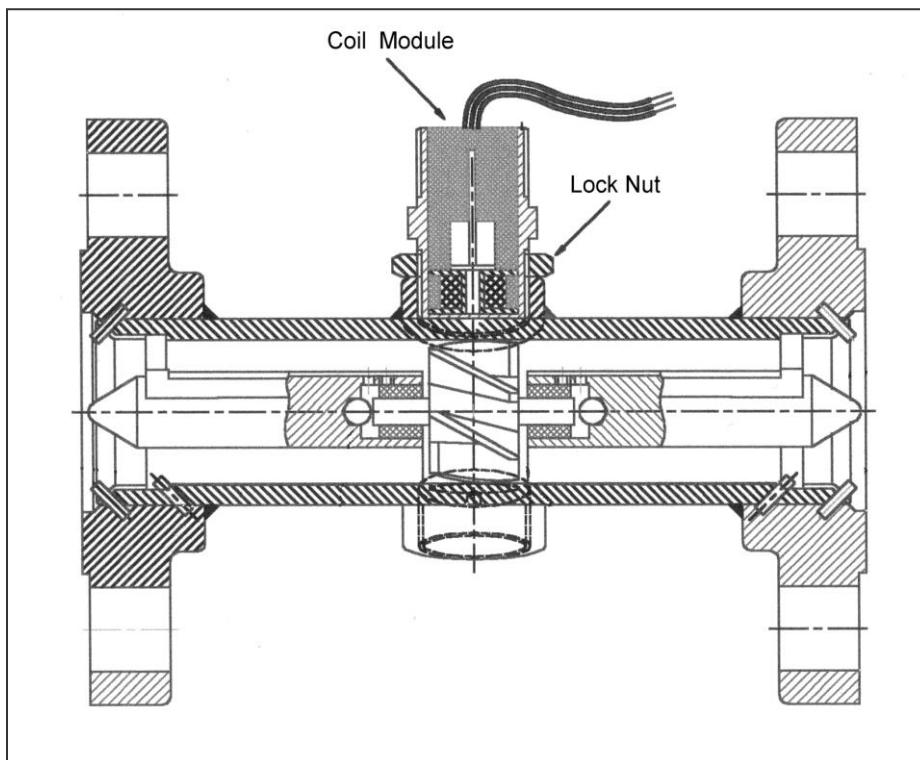
Note: For NPT thread on junction box side of coil module add - NPT to end of part number

## Flow Straighteners

Acme can also supply meter flow straighteners to A.P.I. standards. Standard flow straighteners are supplied A.N.S.I. standard flanged 300LB

**Part number VTM – (meter size) - FS**

Note: Flow straighteners with special flanges are available upon request to suit gas extractors, differential valves and other devices.



For further information contact **acme** Fluid Handling Pty Ltd

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