



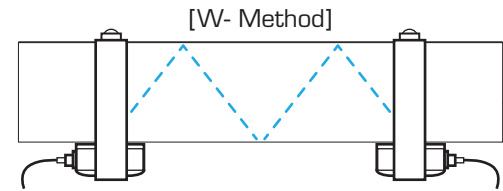
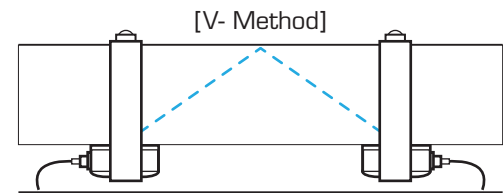
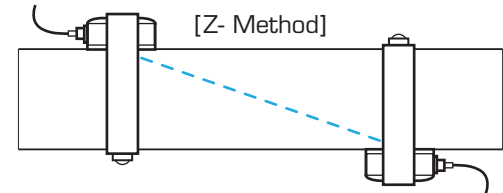
## OMNI TDI 200H

### Specifications

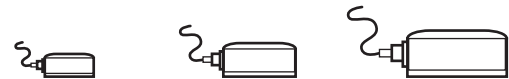
- Non-invasive. No pipe disturbance. No moving parts. No pressure drop. No maintenance.
- High accuracy, better than  $\pm 1\%$
- Easy and economical installation. No pipe cutting, no hole drilling.
- Wide measurement range, 0.03 ~ 105ft/s (0.01 ~ 32m/s)
- Wide pipe size range, 0.5" ~ 240"(DN15 ~ DN6,000mm).
- Integral data logger.
- Suitable for all commonly used pipe materials.
- Signal quality tracking and self-adjusting capabilities.
- Velocity, volumetric and totalized flow.
- Weather-resistant enclosure.
- Ideal for both clean and opaque liquid flow measurements.
- Rechargeable battery for up to 10 hours..

Repeatability	0.20%
Accuracy	Better than $\pm 1\%$ for velocity above 0.6ft/s
Response Time	0 to 999s, user configurable
Velocity	$\pm 0.03 \sim \pm 105$ ft/s ( $\pm 0.01 \sim \pm 32$ m/s), bi-directional.
Display	Display instantaneous flow rate, accumulated flow rate (positive, negative and net rates), velocity, time.
Units	Imperial or Metric
Recording	2000 Line data logger.
Enclosure	Protection Class: IP54 DIN rail mount
Liquid Types	Virtually all commonly used liquids (full pipe)
Liquid Temp	-40° C to +140°C
Suspension concentration	< 1%, particle size smaller than 75um.
Pipe Size	1/2"-240" (DN15-6000mm)
Pipe Material	All metals, most plastics, fiber glass, pipe liner, etc.
Straight Pipe Section	Longer than 15D, where D is pipe diameter.
Power Supply	10h fully charged, AC charger included.

### Transducer Mounting methods



### Transducer Options



Type S	Small size transducer (magnetic for pipe size 0.5"-4" (DN15-DN100mm))
Type M	Medium size transducer (magnetic for pipe size 2"-28" (DN50-DN700mm))
Type L	Large size transducer (magnetic for pipe size 11"-240" (DN300-DN6,000mm))