

# SPIRAX SARCO FLOWMETERING

Differential pressure  
variable area for use with  
differential pressure cell  
and flow computer

Very high  
turndown or  
high capacity  
steam flow  
measurement.



Target variable  
area with  
integral flow  
computer

High turndown  
steam flow  
measurement.



Target fixed area  
with integral flow  
computer

Point of use steam  
flow measurement on  
smaller pipes.



Ultrasonic transit time -  
non intrusive

Liquid flow  
measurement  
on larger  
pipes or when  
process  
shutdown is  
not possible.



Vortex with integral  
flow computer

Flow  
measurement  
across a wide  
variety of gas  
and liquid  
applications.



Turbine insertion with  
integral flow computer

Steam or gas flow  
measurement  
on larger pipes  
or when process  
shutdown is not  
possible.



Electromagnetic  
with integral  
flow computer

Liquid flow  
measurement on  
small to medium  
size pipes.



WirelessHART  
and TEG heat  
scavenging  
power supply

Remote  
installations  
or where the cost  
of wiring is  
prohibitive.



Associate equipment

Flow computers, pressure/  
temperature/differential pressure  
transmitters and all associated  
steam  
ancillaries.



For more information on our range of flowmeters please  
visit: [spiraxsarco.com](http://spiraxsarco.com)



# FLOWMETER SELECTION GUIDE

| Flowmeter type                                      | Turndown    | Water | Condensate | Viscous liquids | Acids & chemicals | Hydrocarbons | Gas | Steam                     | Sizes         |
|---|-------------|-------|------------|-----------------|-------------------|--------------|-----|---------------------------|---------------|
| Differential Pressure Variable Area                 | Up to 100:1 | •     | •          |                 |                   |              | •   | •                         | DN50 - DN400  |
| Target Variable Area with integral flow computer    | Up to 50:1  |       |            |                 |                   |              |     | •                         | DN50 - DN100  |
| Target Fixed Area with integral flow computer       | Up to 10:1  |       |            |                 |                   |              |     | •<br>Saturated steam only | DN25 - DN50   |
| Ultrasonic Transit Time with integral flow computer | Up to 40:1  | •     | •          | •               | •                 |              |     |                           | DN15 - DN2000 |
| Vortex with integral flow computer                  | Up to 20:1  | •     | •          |                 | •                 | •            | •   | •                         | DN25 - DN300  |
| Turbine Insertion with integral flow computer       | Up to 25:1  | •     | •          |                 |                   | •            | •   | •                         | DN80 - DN2000 |
| Electromagnetic With integral flow computer         | Up to 40:1  | •     | •          |                 |                   |              |     |                           | DN25 - DN200  |
| WirelessHART & TEG heat scavenging power supply     | Up to 50:1  |       |            |                 |                   |              |     | •<br>Saturated steam only | DN50 - DN100  |