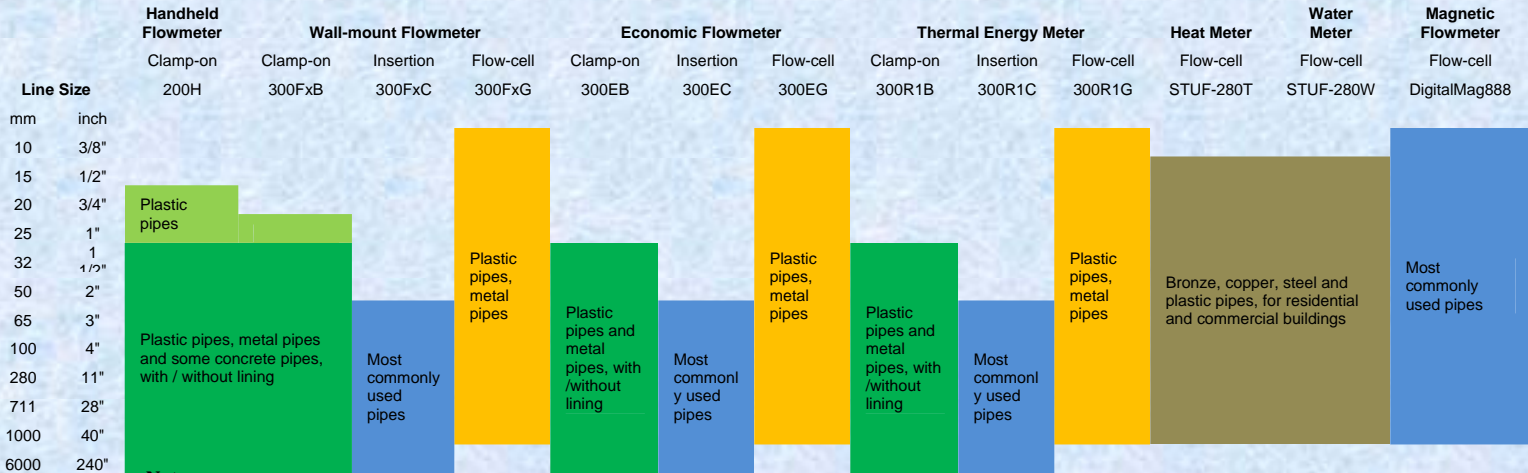


Selection by Pipes:



Note:

Plastic pipes include PVC, LDPE, HDPE, PP, PTFE, PVDF, ABS, FRP, Glass, Acrylic, etc.

Metal pipes include cast iron, pig iron, carbon steel, stainless steel, copper, aluminum, hastelloy.

Most commonly used pipes include plastic pipes, metal pipes, concrete pipes, asbestos pipes, etc.

Lining material include epoxy, rubber mortar, tar, etc.

For pipe size of 1" and smaller, we recommend the flow-cell type flowmeter.

For pipe size > 1", clamp-on type flowmeters, such as STUF-200H, STUF-300F1B, STUF-300EB, have lower cost and are easier to install than insertion type or flow-cell type. However, their accuracy is not as good as the other two types.

Applications by Industry:

Water & Wastewater

Water distribution
 Water & wastewater treatment plants
 Cold/hot water flows in large building complexes, hospitals,
 Revenue metering
 Irrigation
 Sewage / Sludge
 Pipe leakage detection

Oil

Oil, fuel / diesel Oil transfer
 Oil leakage detection
 Crude oil after first stage separator, crude oil offloading,
 Vehicle/Ship engine efficiency monitoring
 Furnace efficiency monitoring
 Hydraulic/ Lubricant monitoring

Chemicals

Chemical plants
 Process monitoring and control
 Additive dosing
 Corrosive/Abrasive liquid monitoring

HVAC

Glycol or other liquids for HVAC
 Hydronic balancing
 Cooling / heating

Industrial Automation

Process monitoring and control

Building Automation

Building energy management, automatic remote metering and

Food & Beverage

Sanitary flow monitoring
 Liquid food and drink processing, blending, batching, etc.

Energy Production/Transfer

Solar/Geo-thermal system
 District heating / cooling
 Power plants (hydraulic, thermal, etc.)

Pharmaceutical & Semiconductor

Dosing/Volumetric filling
 High purity flow monitoring
 Slurry

Aggressive liquids flow measurement

Paper & Pulp

Additives, bleaches, etc.
 Pulp

Others

Machinery
 Dredging, mining
 Plant and machinery construction