



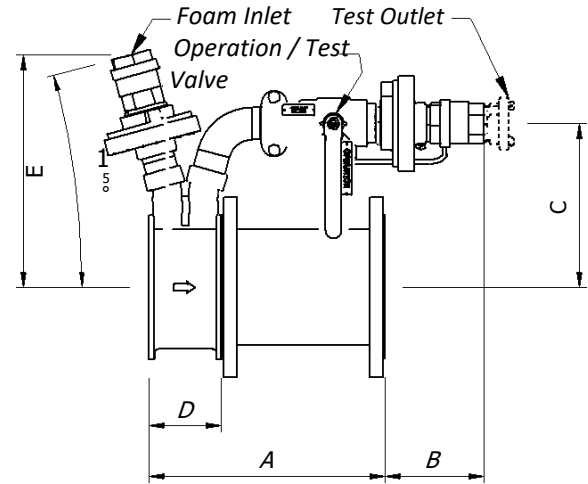
Balanced Pressure Proportioner - Wide range with Test Outlet

The IPPT is a unique and excellent foam proportioner that includes the features of a Wide Range Pump proportioner as well as providing the ability to test the foam proportioning without mixing foam and water. A complete installation can be tested for foam mixing percentage without discharging any foam. The foam concentrate will instead be collected separately and can, after the test, be returned to the foam tank. Because of this, regular testing of the system can be done without discharging and losing any foam concentrate to the outside, thus providing both environmental and cost benefits.

The proportioner has a very good proportioning accuracy combined with a low pressure drop. It is available with pro-portioning from 1% up to 3%. Suitable for use with fresh or sea water and any type of foam concentrate.

The IPPT is especially well suited for the use with Fluorine Free (FF), ARC (alcohol resistant) and other high viscosity foam concentrates.

The IPPT is available as DN200 or 8" and flow ranges up to 18.000 lpm and can easily be incorporated into existing foam systems.



DIMENSIONAL DATA

Model	Length [mm]					Connection water* - foam**	Weight [kg]
	A	B	C	D	E		
IPPT-200	445	186	309	136	438	DN200 / 8" - 2" F	72,0

* Mounted between flanges: DIN PN16 / ANSI 150lbs

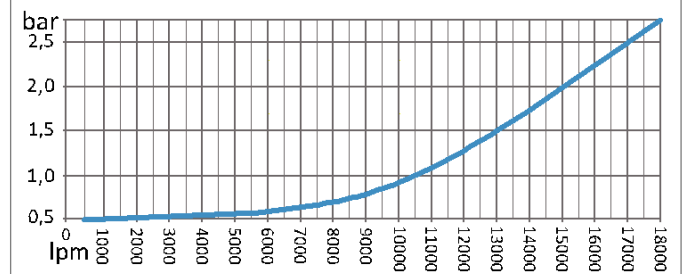
** Threaded BSP. May differ based on foam type and mixing ratio.

All parts have been selected for reliable and trouble free service using corrosion resistant materials for low maintenance.

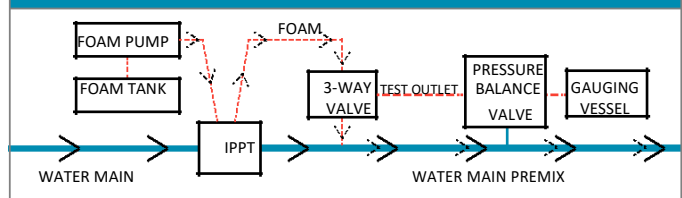
PERFORMANCE DATA

Model	Flow Range [l/min]
IPPT-200	150-18000

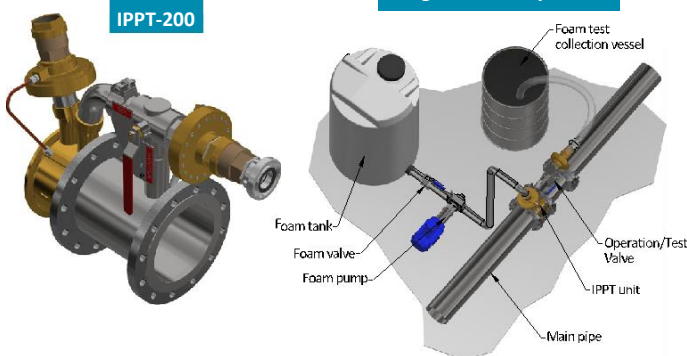
PRESSURE DROP



WORKING PRINCIPLE



Example installation with integrated IPPT system



Material:

Body: Bronze and Stainless Steel (316L)
Internals: Bronze and Stainless Steel (316L)
Flanges: Galvanized (Stainless Steel optional)

Product Features

- Patented proportioning and testing function independent of foam concentrate type.
- Accurate mixing over the entire flow range
- Customer specific, fixed proportioning ratio
- Low pressure drop
- Wide flow range up to 120:1
- Suitable for Fluorine Free foams, especially High Viscosity/ non-Newtonian properties
- Customer specific water, foam and test outlet connections available
- Economic and environmental friendly live foam testing without mixing water and foam concentrate
- Designed and tested according to EN 13565-1