

DOUBLE STAGE COALESCER for FUEL CLARIFICATION

MiniSingaGalaxy

The Mini Singa Galaxy coalescer enables fuel clarification when measuring critical properties for which traces of water disturb or damage the measurement devices.

Its innovative technology removes particulates and water emulsions up to ppm.

Maintenance costs are significantly reduced thanks to the multi-layer filter element which is proven for a continuous period of 3 to 6 months.

The two coalescing stages allow removal of up to 30% of water in fuel, without saturating the filter.

Applications

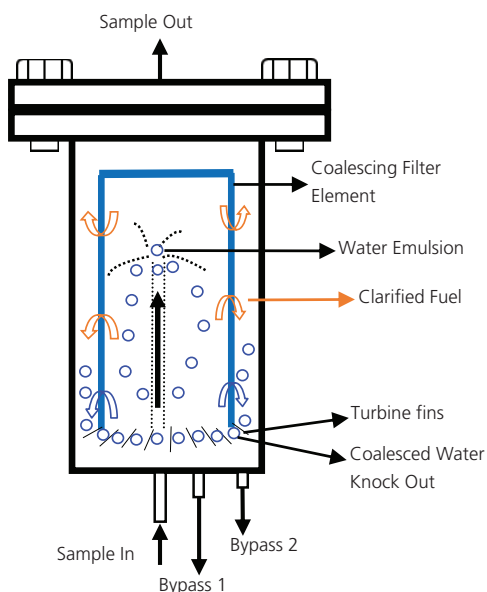
Measurements of critical properties, such as:

- freeze point,
 - distillation point,
 - octane and cetane numbers,
 - reid vapor pressure,
- in diesel, kerosene, gasoline...



 MiniSingaGalaxy

Operating



Advantages

- Removes a large amount of water up to 30%.
- Operating rates adjustable according to application.
- Maximum pressure at 10 barg.
- Optimized response time despite large volume.
- Separation of water in 2 steps:
 - Separation of the aqueous phase.
 - Coalescence of the water emulsion.
- Double drain which avoids filter saturation.
- Filter element life of 3 to 6 months depending on operation.
- Low maintenance.
- The metal fins in the filter bottom prevent the carry-over of droplets into the sample outlet.
- Safe for installation in hazardous area.

Technical specifications

Maximum pressure service	10 barg
Maximum temperature	60°C
Recommanded flow	60-350 l/h
Differential pressure	0,5 barg
Separation capacity	20 - 40 l/h
Body material	316 stainless steel (others on request)
Sealing material	NBR or PTFE
Filter element material	Fibre Glass Media at 0.2 micron
Internal volume	1,9 l
Sample inlet connection	1/2" FNPT
Bypass 1 outlet connection	1/4" FNPT or 1/2" FNPT
Bypass 2 outlet connection	1/4" FNPT or 1/2" FNPT
Sample outlet connection	1/2" FNPT
Dimensions	H 215 mm x ø 220 mm

To order

