

HRS REFUELLING MODULE

WITH PRECICONTROL TECHNOLOGY



The Refuelling Module (RM)

is the front end of the AH Helicopter Refuelling System HRS.

The integrated ARU-Master controller guides the operator and displays all necessary information such as meter volume, flow rate, filter life state, tank volumes, pump states and more.

Its menu-base navigation including help text messages and powerful diagnose functions makes operation easy and safe.

The Refuelling Module is designed for tough environment, all electronic equipment is potted and explosion proof.

OPTIONS

- Choice of hoses and nozzles
- Choice of hose reel size
- Choice of operation modes
- PD meter
- Inline pressure control
- Deadman remote control
- Fast nozzle exchange
- HIFR support
- Large scale LED overhead volume display
- Choice of shock class

CONFIGURATIONS	CLASS HM (HORIZONTAL MINI)	CLASS H (HORIZONTAL)	CLASS V (VERTICAL)
	Extra small module for simple applications	Compact unit with complete function range for hose reels up to 1000 mm	Slim unit with complete function range for large hose reels above 1000 mm
FUNCTIONS	<ul style="list-style-type: none"> - Overwing fuelling - Overwing defuelling - flushing 	<ul style="list-style-type: none"> - Overwing fuelling - Overwing defuelling - Underwing fuelling - Underwing defuelling - flushing 	<ul style="list-style-type: none"> - Overwing fuelling - Overwing defuelling - Underwing fuelling - Underwing defuelling - flushing

HRS REFUELLING MODULE

WITH PRECiCONTROL TECHNOLOGY



The Pump Filter Module (PFM)

is the core of the AH Helicopter Refuelling System HRS.

It provides all pumping and filtering functions for fuelling, defuelling, refreshing, flushing, intertank transfer, loading/bunkering etc. – each fully monitored and controlled by the integrated ARU-Master controller.

The PreciCONTROL technology eliminates any external control cabinet even for the explosion proof setup and leads to an extremely compact design.

OPTIONS

- Choice of operation modes (dedicated or set of modes)
- Choice of supply voltage and frequency
- Up to two pumps per module
- Explosion proof setup
- PD meter
- Filter monitor
- Choice of shock class

CONFIGURATIONS	CLASS S (SMALL)	CLASS M (MEDIUM)	CLASS M2 (MEDIUM EXTENDED)	CLASS L (LARGE)	CLASS XL (EXTRA LARGE)
AVAILABLE NOMINAL FLOW RATES	100 l/min 130 l/min 165 l/min 205 l/min	250 l/min 315 l/min	405 l/min 500 l/min 620 l/min	740 l/min 940 l/min	1180 l/min 2360 l/min