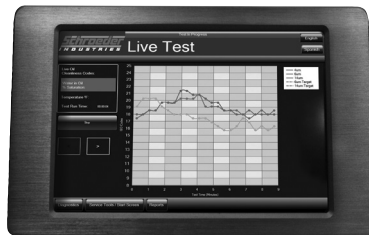


5 gpm
19 L/min



Features and Benefits

- Complete tracking of hydraulic fluid conditions by equipment name
- Provides automatic record-keeping, trending and analysis of the fluid
- Ideal for managing multiple equipment assets
- Automatically shuts down when the selected ISO cleanliness is reached
- Dual staged filters for both water and/or contaminated removal bypass valve allows cart to be used as a transfer cart
- Real Time data displays cleanliness and water saturation
- Selectable ISO target levels
- Only 3 entry fields needed to start the system and record data
- Hoses and connection tubes included (13' total length)

Applications

- In-Plant Service: Filter to desired cleanliness levels and extend component life
- Mobile Dealer Networks: Aid in certified re-builds, service maintenance contracts and total maintenance & repair programs
- Industry
- Paper Industry
- Power Generation
- Mobile Vehicles
- Steel Making

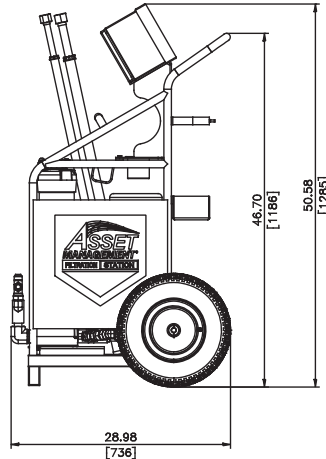
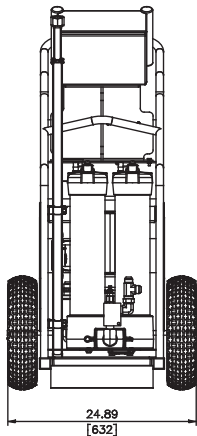
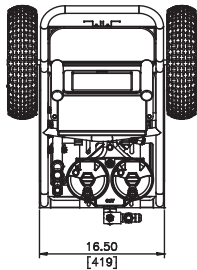
Description

The Asset Management Filtration Station® (AMFS) is a complete fluid management system designed to manage fluid cleanliness, so that the greatest return of that asset is achieved. The AMFS is an all-in one system that monitors your fluid condition, filters out contaminants and tracks all the necessary data needed for trend analysis and record keeping by asset number or name. The on-board rugged PC records the ISO code and water saturation level, provides a graphical display of the data in real time and shuts down when the selected cleanliness level is reached. Each asset file created automatically is separately labeled and summarized to quickly inform maintenance on the condition of the fluid, and each run of the fluid is logged by date and time, providing a complete history of the equipment's fluid.

Specifications

Flow Rating:	5 gpm (19 L/min)
Motor:	1.5 HP - 15 FLA at 120 volts AC
Viscosity Range:	60 - 1,000 SUS (10 - 216 cSt)
Operating Temperature:	-20°F to 150°F (-29°C to 65°C)
Bypass Valve Setting:	Cracking: 30 psi (2 bar) x 2
Compatibility:	All petroleum-based hydraulic fluid compatible with Viton®
Element Change Clearance:	17.5" KK / 26.5" 27K
Weight:	200 lbs (440 kg) approx.
Dimensions:	26.6" x 25.25" x 50.0" (675 x 641 x 1270 mm)

*Note: Optional front caster set PN: 7627132 includes (2) plate mount swivel casters with brake, installation hardware and mounting instructions.



Metric dimensions in ().

GeoSeal® Element	Filtration Rating Per ISO 4572/NFPA T3.10.8.8 Using automated particle counter (APC) calibrated per ISO 4402			Filtration Rating wrt ISO 16889 Using APC calibrated per ISO 11171	
	$\beta_x \geq 75$	$\beta_x \geq 100$	$\beta_x \geq 200$	$\beta_x(c) \geq 200$	$\beta_x(c) \geq 1000$
KKGZ3/27KGZ3	<1.0	<1.0	<2.0	4.0	4.8
KKGZ5/27KGZ5	2.5	3.0	4.0	4.8	6.3
KKGZ10/27KGZ10	7.4	8.2	10	8.0	10.0

Element Performance Information

GeoSeal® Element	DHC (gm)	GeoSeal® Element	DHC (gm)
KKGZ3V	230	27KGZ3V	345
KKGZ5V	238	27KGZ5V	357
KKGZ10V	216	27KGZ10V	324

Dirt Holding Capacity

How to Build a Valid Model Number for a Schroeder AMFS:

BOX 1 BOX 2 BOX 3 BOX 4 BOX 5
AMFS - [] - [] - [] - []

Example: NOTE: One option per box

BOX 1 BOX 2 BOX 3 BOX 4 BOX 5
AMFS - 1 - 27 - G05 - G03 = AMFS127G05G03

BOX 1	BOX 2	BOX 3	BOX 4
Model	No. of Elements	Element Length	Element Media First Filter
AMFS	1	18 27	G03 = 3 µm Excellement® Z-Media® (synthetic) w/ GeoSeal® G05 = 5 µm Excellement® Z-Media® (synthetic) w/ GeoSeal® G10 = 10 µm Excellement® Z-Media® (synthetic) w/ GeoSeal® G25 = 25 µm Excellement® Z-Media® (synthetic) w/ GeoSeal® GWR = Water Removal w/ GeoSeal®

BOX 5
Element Media Second Filter
G03 = 3 µm Excellement® Z-Media® (synthetic) w/ GeoSeal® G05 = 5 µm Excellement® Z-Media® (synthetic) w/ GeoSeal® G10 = 10 µm Excellement® Z-Media® (synthetic) w/ GeoSeal® G25 = 25 µm Excellement® Z-Media® (synthetic) w/ GeoSeal® GWR = Water Removal w/ GeoSeal®

For replacement element part numbers, please see "Appendix Section - Replacement Elements" of this catalog.

Model Number Selection

Preferred order codes designate shorter lead times and faster delivery.

CS 1000

CS 1939

CSI-C-11

HY-TRAX®

RBSA

CSM

FCU

MCS

AS

SMU

CTU

EPK

Trouble
Check Plus

HMG2500

HMG4000

ET-100-6

HTB

RFSA

HFS-BC

HFS-15

MFD-BC

MFS, MFD

HY-TRAX®
Retrofit System

MFD-MV

MFS-HV

AMS, AMD

FS

AMFS

KLS, KLD

KLCO

MCO

AKS, AKD

LSN, LSA, LSW

X Series

OLF Compact

OLF

OLF-P

NxTM

VEU-F

VMU

IXU

Triton-A

Triton-E

NAV

SVD01

OXS

Appendix