



FilterCHECK Specifications *

Part Numbers

Model 290 Part Number: B080616

Performance

Metal debris size detection (Fe)	≥100 micron
Metal debris size detection (NFe)	≥400 micron
Wash cycle time:	User configurable

Filter Test Capability

Type:	Cartridge, disposable or reusable
Size (maximum)	7.25" (long) x 4" (diameter)

Wash Fluid

Type	Solvent / Machine Lubricant
Quantity	≈1.3 US Gal.
Fluid Cleanliness	3 micron filtration (disposable filter)



Controls/Display

Debris quantity counter:	LCD display
Counter RESET control	Manual pushbutton
Wash cycle START control	Manual pushbutton
Wash cycle STOP control	Automatic (user configurable) and manual interrupt
Sample cycle START control	Manual Pushbutton
Sample cycle STOP control	Automatic (user configurable) manual interrupt
Limits Exceedance	Configurable separate Warning & Alarm set points
Data Transfer interface	RS 232 serial

Debris Capture

Basket	80 micron stainless steel mesh (removable & cleanable)
Patch Maker	Semi-automatic operation - 47mm Dia. / 20 micron mesh filter patch

Environmental (Operational)

Ambient temperature range	50°F to 104°F
Recommended Operating	Indoor, sheltered

Physical

Dimensions	31" (w) x 15.25" (d) x 42" (h)
Weight (approximate)	220 lbs

* Radio Frequency Emissions – FCC Part 15 Subpart B Class A.

Power & Air Supply Requirements

Electrical Power	115V 60 Hz @ 500W (220V 50 Hz with optional Power Converter)
Shop Air Flow	3 cfm, 100 psi maximum

* Meets Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – CSA-Code SPE-1000

Special Order Accessories

Consumable Spares Kit	Shipping Container
Power Frequency Converter (for 220 V 50 Hz Operation)	Custom Filter Adapters
PC Notebook computer	LubeAnalyst NT Software