

Comparison of the Ferret 14 and Ferret 16 – May 10th, 2004

For those of you well versed in selling Ferret 14's, this document was created to show you the differences between the 14 and 16.

Deletions from the 14	Why?
Oil Temperature Probe	Not used by the technician, cost reduction
Calibration Adapter	Incorporated into the Gas Bottle Regulator
Bar-Graph Screen	It was the most confusing screen on the 14, replaced by Grams/Mile

Additions to the 16	Why?
Grams/Mile Screen	In response to user requests
Gas Bottle Regulator/Cal Adapter	Combines two parts into one part and now all 16's will come with a regulator for the gas bottle
Realtime Clock	Keep better track of calibration times and intervals.
Storage Circuitry	Keeps recorded readings alive for up to 2 days. In response to user requests.
Second Filter	This filter is mounted to the top of the 16 and is visible by the user when looking at the screen. This is the last chance filter and we wanted the user to see if any water had made it this far. If so, stop using the unit and get rid of the water.
Internal Pressure Sensors	Used to set the Low flow indicator. Eliminates false low flow indications in cold weather
Leak Check	Uses a BAR recommended procedure for finding leaks in the sample system.
New I.R. Bench	Better performing, more stable bench from Europe. Directly measures HC, CO, and CO ₂ .
Aggressive Water Protection	As soon as a low flow is detected a message is set on the screen that requires the user to press enter to clear. The instant the low flow message is set, the pump reverses flow and pushes water out of the check valve and sample hose.
Bigger Diameter Hose	Supports the flow needed for the new bench
Flexible Extension	This was an option on the 14. Helps get a good sample of really strange shaped exhaust systems.
Keypad	Reduced the number of buttons. Cost savings.

Items that remain unchanged	Why?
Screen	We like a big screen that anyone can see.
Extra Set of Filters	We want the user to replace a set and order a new set, instead of using the original set for too long.
Spark Pickup	Why change something that works?