

**Exclusive Dual Sensor Precision
 And Easy-To-Use Design**



Dual Sensor Air/Fuel Meters

Proper engine tuning is essential to achieving maximum performance and avoiding costly, premature engine failure. Unfortunately, until now, digital air/fuel meters have only offered single sensor measuring capability. This meant engine tuners were only able to monitor the air/fuel ratio in one side of the engine, while being left to play a guessing game with the other engine bank. Now there is a way to eliminate the unknown, allowing you to tune carburetor jetting and EFI profiles with confidence and complete accuracy.

FAST[™], the recognized leader in EFI technology, has developed an easy to use Dual Sensor Air/Fuel Meter that delivers the complete story about your engine's tuning. Tuners now have the power to read two wide-band O₂ sensors individually or average them together for super accurate readings of the engine's true air/fuel ratio.

Beyond the innovative dual sensor capability, the new FAST[™] Dual Sensor Air/Fuel Meter delivers all the features that tuners have come to expect, plus several enhanced capabilities, in the easiest to use format of any digital air/fuel meter ever developed. One such feature is built-in data logging capability that plays back recorded information on a lighted, full graphical display screen, unlike other units that require downloading to a computer. Additional standard features include outputs for external data loggers, digital gauges, as well as a narrow-band simulator function that allows you to feed your engine's computer a factory signal while using the wide-band sensor for air/fuel measurement. Stop guessing and start tuning for additional horsepower and reliability with the new FAST[™] Dual Sensor Air/Fuel Meter.

- **Dual wide-band O₂ sensors measure air/fuel ratio in both engine banks simultaneously or average them together for precise tuning of carburetor jetting or EFI profiles**
- **Features include built-in data logger with on-screen playback (no laptop required), outputs for external data loggers & digital gauges and a narrow-band simulator function**
- **Affordably priced single sensor version can be easily upgraded to dual sensor unit; features field-flashable capability for downloading future updates**
- **Lighted, full graphical display makes it the easiest to use unit available; perfect for race, street and dyno-cell applications**
- **Has the most advanced measuring technology in the industry and is designed to be the most user friendly on the market**

DESCRIPTION	PART NO.	DESCRIPTION	PART NO.
Single Sensor Kit (12 ft. Cable)	170401	O ₂ Sensor Bushing Plug	30169
Dual Sensor Kit (12 ft. Cable)	170402	Air/Fuel Meter Mounting Kit	170493
Single Sensor Motorcycle Kit (6 ft. Cable)	170501	RPM Input Module	170536
Dual Sensor Motorcycle Kit (6 ft. Cable)	170502	Replacement Cable (6 ft. w/ Power Lead)	170462
Single Sensor Dyno Cell Kit (22 ft. Cable)	170601	Replacement Cable (6 ft.)	170463
Dual Sensor Dyno Cell Kit (22 ft. Cable)	170602	Replacement Cable (12 ft. w/ Power Lead)	170458
ACCESSORIES		Replacement Cable (12 ft.)	170459
Replacement Wide-Band O ₂ Sensor	170408	Replacement Cable (22 ft. w/ Power Lead)	170460
Threaded O ₂ Sensor Bushing (Weld In)	30168	Replacement Cable (22 ft.)	170461

Dual Sensor Air/Fuel Meter Comparison Chart

FEATURES	FAST™ AIR/FUEL METER	THE COMPETITION
Computer or laptop needed to view data logs	NO	YES
Air/fuel ratio display refresh rate	12 times per second	3-4 times per second
Minutes of total data storage for one sensor	88 minutes	44 minutes
Minutes of total data storage for two sensors	44 minutes	N/A
High-quality hard side carrying case included	YES	NO
Large screen for data log playback	YES	NO
Air/fuel sensor cable length	12 ft.	10 ft.
Two oxygen sensor model records air/fuel ratio on both sides of the engine	YES	N/A
External analog output wires for digital gauges, data logging, etc.	YES	YES
Single air/fuel sensor version upgradable to two sensor technology	YES	NO
Diesel engine compatible	YES	YES
Alcohol engine compatible	YES	YES
Accuracy	+/- .10 A/F ratio	+/- .10 A/F ratio
Easy-to-use on-screen instructions	YES	NO
Calibration automatically initiated by the air/fuel meter	YES	NO
Calibrated air/fuel bar graph on the display	YES	NO
Frequent recalibration needed to ensure maximum precision	NO	YES
Computer or laptop needed for fuel type and analog output changes to the air/fuel meter	NO	YES
Toll free technical assistance line	YES	NO
Air/fuel data unfiltered for superior accuracy	YES	NO
Ergonomically designed display unit	YES	NO