

MODEL KEI-095 BRAKE PEDAL TESTER
MODEL KEI-095HUD HEADS UP DISPLAY

DESCRIPTION -----

The KEI-095 Brake Pedal Tester performs vehicle brake system benchmarking with very little setup time. These benchmarks can be used to compare (like, different, or competitors) vehicle brake travel, effort, and pressures. These values are displayed on an LCD and stored in battery backed RAM for future download to a PC for SPC. Testing brake pedal travel has traditionally been done in the past with string pots. They 1.) are very difficult to attach under the I.P. and 2.) measure linear travel where arc travel is the true representative length. Kemkraft has made brake pedal testing faster and easier by utilizing an angle transducer that clips onto the side of a brake pedal. The operator inputs the brake arm length into the keypad and when a test is performed, the KEI-095 calculates, displays and stores the brake pedal arc length. A second angle transducer is placed onto the passenger floor which compensates for vehicle pitch and also calculates the vehicles G force during the stop. The keypad, on the face of the unit, selects operator options and sets the clock for date and time stamp of each test. The transducers and cables store in the lid for easy transporting.

KEI-095 SPECIFICATIONS -----

Power Requirements:	12 – 20 VDC
Angle Range:	+/- 60 Degrees
Operating Temp Range:	40 deg F – 120 deg F
Sampling Rate:	10 Samples per Second
Serial Interface:	RS-232-C Uploads Standard ASCII File, Interface program supplied.

KEI-095 OPTIONS -----

KEI-095 System:	095 unit, 2) angle sensors w/ fixtures & cal stand + effort sensor
KEI-095A System:	Same as 095 system + pressure sensor (for master cylinder)
KEI-095B System:	Same as 095A system + 4) pressure sensors (for four brakes)
KEI-095HUD:	Heads Up Display w/ 2) analog bargraph for monitoring real-time events
KE095RT:	Real Time Download software update