



## Express Mobile



### GENERAL SPECIFICATIONS

Model Designation(s)	01011
Dimensions	14.88 H x 16.18W x 5.38" L (depth) including mounting flanges.
Shipping Weight	24.5 lb.
Cabinet	16 Gauge steel, Base pan 14 gauge. Weldment forms basic structure. Gloss black finish.
Mounting	Integral mounting flanges on the back and bottom of cabinet for mounting to floor or sidewall of service truck. Mounting hardware will vary depending on the installation and is not supplied.

### LIGHT/ELECTRICAL TESTING EQUIPMENT

Operating Voltage	12Vdc (nominal)
Switched Circuits	Aux, Mark, Tail
Scanned Circuits	Left - 1.5 Sec. -> Stop - 3.0 Sec. -> Right - 1.5 Sec. Circuits are powered one at a time. The cycle repeats indefinitely. Freeze feature stops scanning action if desired.
Circuit Breakers	Aux, Mark, Tail - 20 amps total, SAE type 1 auto reset. Left, Stop, Right - 14.6 amps each, SAE type 1 auto reset.
Short Circuit Warning	Two red LED's; one for each circuit breaker.
Low Battery Warning	One LED. Blinks at 11 volts. Full on at 10 volts & scanning is halted.
Total Current Capacity	34 amps
Trailer Connection	SAE 7-pole Socket mounted on cabinet. Light cord & plugs not provided; these vary according to the specifics of each installation.
Power Supply	12vdc provided by the service truck. Requires connection to truck's battery's "Positive" terminal, a good ground connection, and connection to the truck's Accessory Feed (the latter is not required but strongly recommended).

### AIR TESTING EQUIPMENT

Max. Inlet Air Pressure	150 PSI
Air Filtration	Supply - Internal Filter - 40 micron w/5 oz capacity bowl and bowl drain mounted externally for easy servicing (the filter is included in the dimensions shown above). Supply and Control lines - Twin filters protect the air solenoids from contaminants possibly back-flushing from trailer. Single Variable regulator (2-125 PSI) controls Supply and Control systems.
Air Regulation	None
Apply Speed Control	None
Isolation Valve	Ball valve isolates unit from air supply for leakdown testing
Anti-Compounding	Accomplished electrically by interlocking Air Control Solenoid wiring.
Air Pressure Gauges	Single 2 1/2" pressure gauge indicates system pressure, whether this pressure is actually applied to the trailer or not. Calibrated with 2psi increments.
Air Pressure Lights	Two large pressure lights each for Supply and Control mounted on control panel.
Air Actuation	Two channel radio remote control operates Supply and Control air systems independently.
Air Hoses/Gladhands	None provided; these vary according to the specifics of each installation.

### REMOTE CONTROL

Quantity	2 remotes provided with each unit
Dimensions	3.19L x 2.20W x .94"H (81 x 56 x 24 mm) Fits in shirt pocket.
Weight	1.8 oz (51 grams) without battery.
Channels	Two channels operate Supply air and Control air. When ABS panel switch is flipped to "With Remote" remote also controls Auxiliary and Stop light electrical circuits in conjunction with the air solenoids.
Dependable Range	180 ft.
Power Requirement	One 9 volt battery (included). Remote has its own low-battery indicator.

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