



Express Garage 01012



General Specifications

Model Designation(s)	01012
Dimensions	23.5L x 25.0W x 40.0H" to top of cabinet. 44.38"H to top of gladhands. (597L x 635W x 1016mm. 128mm over gladhands.)
Weight (less battery)	105 lbs (47.7 kg); add approx 30 lbs (13.6kg) for your battery.
Cabinet	16 Gauge steel/Base pan 14 gauge. Weldment forms structure. Gloss black finish.
Mobility	2 8" solid rubber tired wheels w/roller bearing hubs & grease fittings. 2 4 1/2" swivel casters. Pull handle on caster end of cabinet.

Light/ Electrical Testing Equipment

Operating Voltage	12 vdc (nominal)
Switched Circuits	Aux, Mark, Tail
Scanned Circuits	Left - 1.5 sec. - Stop - 3.0 sec. - Right - 1.5 sec. Circuits powered 1 at a time & 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; 1 for each circuit breaker
Low Battery Warning	One LED. Blinks at 11 volts. Full on at 10 volts & scanning halted.
Total Current Capacity	34 amps
Trailer Connection	SAE 7-pole plug w/cable protector springs. 14 gauge, 7 conductor cable comfortably reaches plugs up to 7.3' (2.21m) from shop floor.
Auxiliary Ground Lead	48.0" (101.6mm) 12 gauge wire with twin 50 amp clips
Battery Maintenance	6 Amp Battery maintener with float mode.

Air Testing Equipment

Max. Shop Air Pressure	130 PSI. Internal safety valve opens at 150 PSI
Air Filtration	Supply - internal filter - 40 micron w/5 oz capacity bowl & auto drain feature. Supply & control lines - twin filters protect air solenoids from contaminants.
Air Regulation	Supply - variable regulator (2-125 PSI) controls supply pressure & feeds control pressure regulator. Control - variable regulator (2-125 PSI) allows additional pressure reduction as needed.
Apply Speed Control	Control side; infinitely adjustable flow valve controls speed of service brake.
Anti-Compounding	Accomplished electrically by interlocking Air Control Solenoid wiring
Air Pressure Gauges	Twin 2 1/2" pressure gauges indicate pressure; available or applied
Air Pressure Lights	2 large pressure lights each for Supply/Control. 1 red light for Supply & 1 blue light for Control; located on control panel & 1 red light, 1 blue located in rear of cabinet for view of someone under trailer.
Air Actuation	2 channel radio remote operates Supply & Control air independently.
Air Hoses/Gladhands	3/8" air brake hose w/color coded gladhands for supply & control can reach gladhands up to 7'3" (2.21m) from shop floor.

Remote Control

Dimensions	3.19L x 2.20W x .94"H (81 x 56 x 24mm) Fits into shirt pocket
Weight	1.8 oz (51 grams) without battery
Channels	2 FM channels operate Supply air & Control air. W/ ABS panel switch flipped to "W/Remote", remote also controls Auxiliary & Stop electrical circuits in conjunction w/air solenoids.

Battery Requirements

Normal Usage	BCI size (Group) 22NF standard automotive battery
Heavy Usage	BCI size (Group) 22NF gel-cell, deep-cycle, or trolling motor battery.

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