

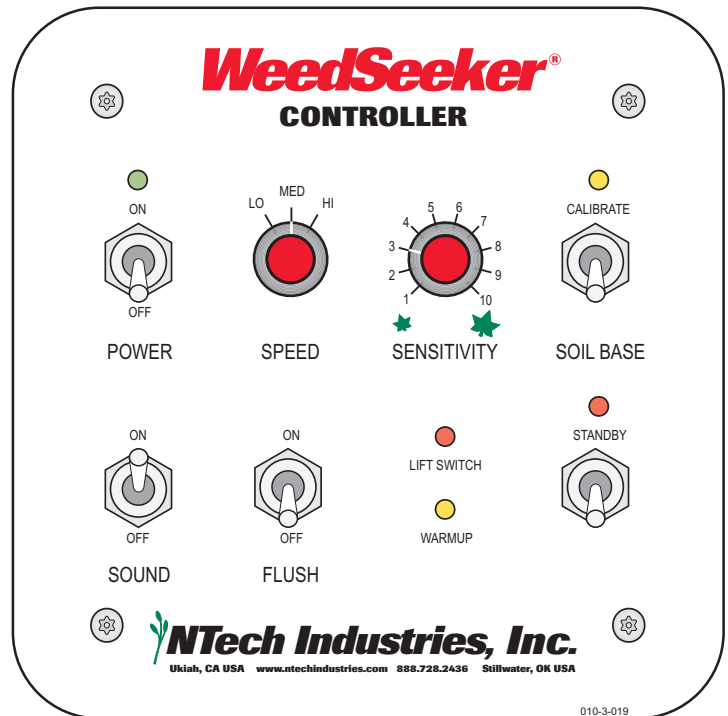
Model 150

WeedSeeker® Controller

The WeedSeeker Controller is the user interface to an automatic spot spray system. It provides power and control signals to each of the sensors. The sensitivity and soilbase switches allow the system to work in a variety of field conditions.

One or more WeedSeeker sensors are connected to a Controller, up to 20 per side, 40 total.

- ◆ One Controller operates up to 40 sensors
- ◆ Connecting a ground speed sensor adjusts speed setting automatically



Function	Description
POWER	Switch turns all Sensors connected to that single Controller on and off. Sensor units do not retain settings in memory when turned off.
SPEED	Range to match vehicle speed. LO 3 to 5 mph; MED 5 to 7 mph; HI 7 to 10 mph.
SENSITIVITY	Adjusts the sensitivity of the Sensors for the size of weeds to be sprayed. A small number equals a small weed.
SOIL BASE	Resets the background reference value of each Sensor. Select a weed-free spot to calibrate.
SOUND	Enables the beeper. This is a reminder that the system is in the Standby mode.
FLUSH	Energizes (opens) all connected Sensor valves.
LIFT SWITCH	Light is on when the standby mode has been activated by a remote switch.
WARM UP	Light is on when the Sensors are first powered up (about 30sec).
STANDBY	Pauses operation of all Sensors by directing the valves to close. The Standby LED will flash. (Soil Base settings are retained while in Standby mode.)

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Specifications

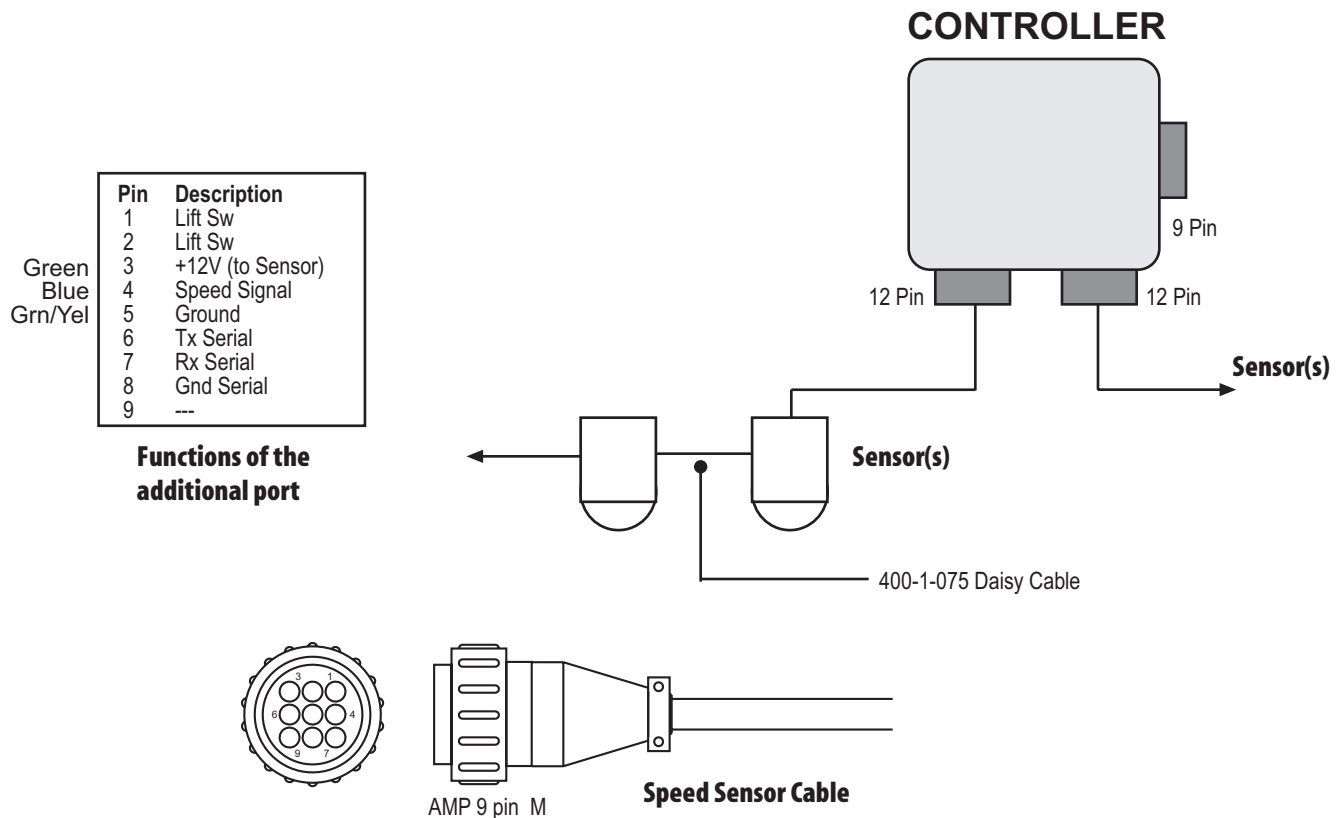
900-1-031

Electrical

Voltage	11.5 – 14.5VDC
Current	0.3A

Mechanical

Dimensions	L: 7" W: 7.2" H: 4.2" (17.78 x 18.28 x 10.66 cm)
Weight	6.0 lb (2.72 kg)
Housing	Rugged metal housing with hinged lid



Related Components

Controller Cable	400-1-075
VDC 05 Valve Driver Cartridge (for external solenoid)	900-1-028
VC01-DL Valve Cartridge (for data logging)	900-1-004
Interconnect "Daisy" Cable (xx = various lengths)	400-1-025-xx
Speed Input Cable	(several options available)