



MEDIA PREP™ Station

*Ultra-fast, heated,
0.2 micron filtered water
when and where
you need it.*

Ideal uses:

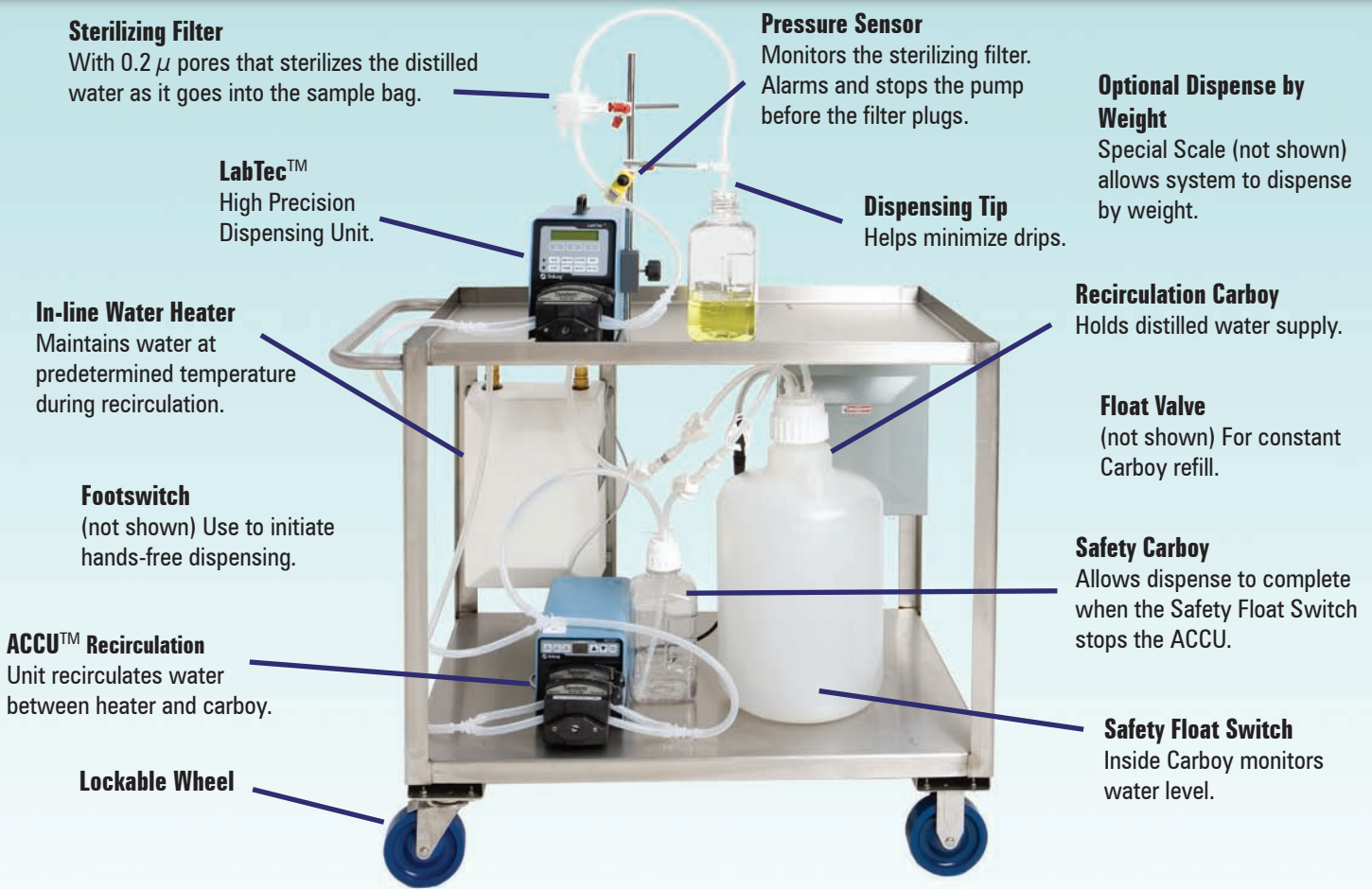
- **Food microbiology labs**
- **Media prep kitchens**
- **Heated water for sterilization and dispensing**



What it delivers:

- **Fast prep** - Heats water for media in seconds.
- **Simplifies prep** - no autoclaving. No media storage in incubators.
- **Flexible** - high precision dispenses by weight or volume.
- **Accurate and controlled** temperature range setting from 32 - 48°C +/- 1°C.

SciLog MEDIA PREP™ Station



Sterilizing Filter

With 0.2 μ pores that sterilizes the distilled water as it goes into the sample bag.

Pressure Sensor

Monitors the sterilizing filter. Alarms and stops the pump before the filter plugs.

Optional Dispense by Weight

Special Scale (not shown) allows system to dispense by weight.

LabTec™

High Precision Dispensing Unit.

Dispensing Tip

Helps minimize drips.

In-line Water Heater

Maintains water at predetermined temperature during recirculation.

Recirculation Carboy

Holds distilled water supply.

Footswitch

(not shown) Use to initiate hands-free dispensing.

Float Valve

(not shown) For constant Carboy refill.

ACCU™ Recirculation

Unit recirculates water between heater and carboy.

Safety Carboy

Allows dispense to complete when the Safety Float Switch stops the ACCU.

Lockable Wheel

Safety Float Switch

Inside Carboy monitors water level.

Sample Performance Validations of 3 different aliquote sizes.

Note: Temperature can be maintained constant anywhere between 32 °C to 48 °C water within +/- 1 °C. Choice of temperature and aliquote size based on your particular tests, E.coli, Listeria, BPW.

Volume:	225 ml	Volume:	1500 ml	Volume:	3375 ml
Avg.	224.7	Avg.	1503.01	Avg.	3377.68
Std. Deviation	0.952	Std. Deviation	0.923	Std. Deviation	1.422
RSD (%)	0.141	RSD (%)	0.061	RSD (%)	0.042
Time	4 Seconds	Time	28 Seconds	Time	59 Seconds

SCIOLOG #	DESCRIPTION
100-8682TEMP	<p>MEDIA PREP Station — Includes these main components:</p> <p>LabTec CP-200 & ACCU CP-20 — each w/TANDEM peristaltic head, Max 2,200 ml/min. flow rate, Max 600 RPM, 120 VAC.</p> <p>20 Liter Diluent System — w/safety float switch inside Carboy.</p> <p>Model RA7 Water Heater — Mounted on cart.</p> <p>Stainless Steel Cart — 24" x 36" with handle and two locking wheels.</p> <p>Maintenance Pack — One sterilization filter (0.2 μm), tubing sets and fittings for LabTec and ACCU.</p> <p>System Power Requirements — 220 VAC, 30 amp., 1-Ph., outlet L1430R, 4-prong twist lock.</p>
400-451	<p>Sterilizing Fiter — (0.2 μm) w/ Pre-Filter (.45 μm). Size 8, for sterilizing over 500 liters of water per day.</p>
100-VIPER6	<p>VIPER Balance (Optional) — 6Kg capacity x 0.1 gram resolution. Pan: 7.9" x 9.5". Includes interfacing cable.</p>

