

# Easy Charging

## No More P-T Charts!



Measures line temperature and pressure, then automatically calculates real-time superheat or subcooling.



Superheat and Subcooling Accessory Head

**ASX14** \$249

- Use for air conditioning systems (R22 and R410A).
- Works with Fieldpiece "Stick" meters, data loggers, electronic handles, and other DMMs.

Superheat and Subcooling Standalone Meter

**SSX34** \$279

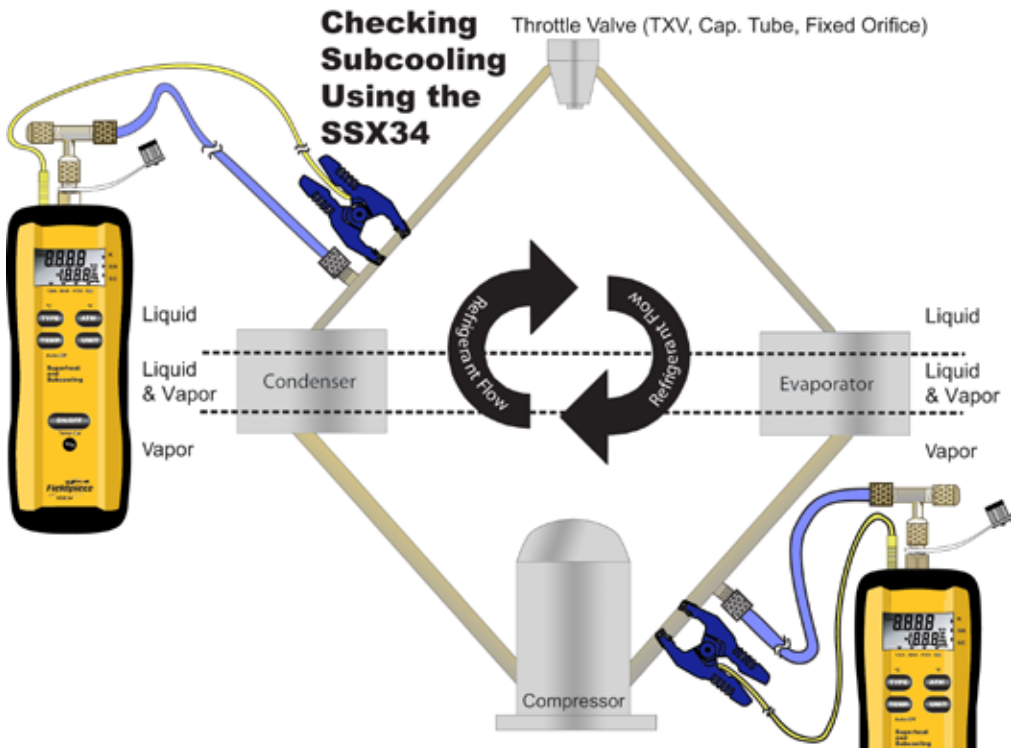
- Use for A/C (R22, R410A) and refrigeration (R134A, 404A).
- Displays line temperature, pressure, or superheat/subcooling right on the SSX34 LCD.



Both instruments include a pipe clamp k-type thermocouple.



### Checking Subcooling Using the SSX34



**Q: How do I know if I should be measuring superheat or subcooling?**

**A:** On systems with a TEV/TXV (Thermostatic Expansion Valve), find subcooling. On systems using a fixed capillary restrictor, find superheat.

**Q: How do I use either subcooling or superheat to charge a system?**

**A:** Measure the refrigerant pressure and temperature with your Fieldpiece instrument to automatically determine the *actual* superheat or subcooling. Then use the manufacturer's charts (usually requiring indoor wet bulb and outdoor dry bulb measurements) to determine the *target* superheat or subcooling. Add or subtract refrigerant as needed to cause the actual reading to match the target.

### Checking Superheat Using the SSX34



#### SSX34

Standalone Superheat and Subcooling Meter for A/C and Ref



#### ASH3

Superheat Head for A/C



#### ASX14

Superheat and Subcooling Head for Air Conditioning



#### ASX24

Superheat and Subcooling Head for Refrigeration

Fieldpiece Model Number	Standalone	Accessory Head	A/C	Refrig.	Superheat	Subcooling	R-22	R-410A	R-134A	R-404A
SSX34	●		●	●	●	●	●	●	●	●
ASH3		●	●		●		●	●		
ASX14		●	●		●	●	●	●		
ASX24		●		●	●	●			●	●