

## Thermolyne Stirrers



# Explosion-Proof Safe-T S10



Type S108500

**Includes FREE Stirbar**

### Product Description

- Safe in hazardous situations where Class I, Group C and D flammable gases or solvent vapors can produce explosive or ignitable mixtures.
- Stirring speeds from 60 to 1200 rpm, with precise, electronic stir control, within  $\pm 3$  rpm.
- Stir oils with a viscosity of 1200 centipoise at 400 rpm (@ 21.5°C).
- Large, ceramic top plate surface 10" x 10" (25.4 x 25.4 cm) allows maximum sample capacity. Accommodates vessels with a capacity of 6 liters.
- Meets IEC1010 laboratory standard.
- Sturdy construction allows maximum load of 25 lb. (11.3 kg) on top plate.
- Corrosion-resistant, stainless steel case is easily cleaned and maintained.
- Designed for sparkless, hardwired connection. Unit has 45.7 cm lead wire and conduit attachment.

### Explosion Proof!

- Stirs viscous solutions and suspensions
- UL listed for Class 1, Group C and D hazardous atmospheres
- Large ceramic top plate



### Applications

- Organic reactions: stir flammable solvents (Class I, Group C and D.)
- Quality control: test homogeneity or miscibility of oils, lacquers and polymers.

### PRODUCT SPECIFICATIONS

Type	Top Plate Dimensions Inches (cm)		Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)
	W	D	W	H	D	
S108500	10 (25.4)	10 (25.4)	11.1 (28.3)	7.9 (20)	12.8 (32.4)	30 (13.6)

### ORDERING INFORMATION

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	Stirring Speed Range (rpm)	US List Price
S108525 <sup>1,3</sup>	120	0.6	60	60 - 1200	\$2,114.00
S108520-33 <sup>2,3</sup>	240	0.6	120	60 - 1200	\$2,114.00

<sup>1</sup> CUL, <sup>2</sup> CE, <sup>3</sup> UL