

IMM IMMERSION STAR STEEL SAMPLERS



DESCRIPTION

SYSCON Sensors Immersion Star Steel Samplers are designed for the Iron and Steel industry to aid in the secondary refining process by obtaining quick, solid, and homogenous samples. They are ideal for taking samples from Electric Arc Furnace (EAF), Basic Oxygen Furnace (BOF), Tundish, Ladle, and other stations.

The chemical composition and inclusion characteristics can be determined from spectrometric and combustion analysis of these samples. The Star Steel Sampler is available in different tube thickness and lengths made with high density paper.

FEATURES

- Easy to remove sample from the tube
- Powdered metal, rust free molds
- (4) 1g and (2) ½ removable samples for oxygen and carbon tests
- Suited for automatic handling equipment
- Economically priced
- Shell sand encased to allow time for sample gathering in the ladle or furnace
- Manufactured under strict ISO 9001:2000 Quality Standards

Technical Specifications

Number of Pins	6: 4x1g and 2x0.5g removable pins for Spectrometer tests
Deoxidizer	<input type="checkbox"/> Aluminum Kill (9" length) <input type="checkbox"/> Zirconium Kill <input type="checkbox"/> No kill, No deoxidizer
Sampler Length	3.4" (86mm)
Cap	Steel OD: 1.55" (39mm) Height: 0.75" (19mm)
Sampling Time	3-4 Seconds
Tube Diameter	OD: 1.66" or 1.7" (42mm or 45mm)



Ordering Information - Star Samplers

IMM-ST-NK	No kill, cartridge only
IMM-ST-NK-TB32	No kill with 32" total tube length
IMM-ST-NK-TB44	No kill with 44" total tube length
IMM-ST-9AL	9" Aluminum kill, cartridge only
IMM-ST-9AL-TB32	9" Aluminum kill with 32" total tube length
IMM-ST-9AL-TB44	9" Aluminum with 44" total tube length
IMM-ST-ZR	Zirconium kill, cartridge only
IMM-ST-ZR-TB32	Zirconium kill with 32" total tube length
IMM-ST-ZR-TB44	Zirconium kill with 44" total tube length

You've Been Using Our Products Since 1975!

SYSCON International, Inc. has manufactured molten metal temperature measuring and thermal analysis systems for a major private-label customer since 1975. Additional SYSCON Sensors products include:

- TS-1 Handheld Digital Pyrometer
- WM-1 Wall-Mount Digital Pyrometer
- FL-1 Ferrolab Thermal Analysis System
- Single & Multi-Use Thermocouple Tips
- Sampling Cups
- Steel Samplers
- Repair, Replacement Parts, & Calibration Services