

# Molten Steel Sampling Ladle

This specialized instrument is designed for the rapid and safe acquisition of molten steel samples. Featuring a robust refractory material construction, it ensures thermal stability and prevents contamination during the sampling process.



## ADDITIONAL IMAGES



## Overview

### High-Precision Molten Steel Sampling

This specialized sampling instrument is designed for the rapid and safe acquisition of molten steel samples, suitable for both deoxidized and non-deoxidized applications. It facilitates quick analysis of chemical ingredients including carbon, manganese, sulfur, and phosphorus, as well as dissolved gases like hydrogen and oxygen. Engineered for efficiency, the sampler improves steel quality and reduces waste ratios in demanding foundry and steel mill environments.

## Technical Specifications

### Sampling Efficiency

**90 %**

Efficiency

### Performance Features

- Rapid sampling time
- Easy operation
- High thermal stability
- Resistant to high temperatures and corrosive slags

### Standard Sample Size

34 x 12 mm (Outer Diameter x Thickness)

### Classification

Direct insertion type, Decanting type

## Model Comparison

### Sampler Model Specifications

Model	Deoxidizer	Sample Size (ODxT)	Inlet OD/Length
W G Q A	None	!34x12	!7x(20-45)
W G Q B	None	!30x15	!7x(20-30)
W G Q B L	Al/Zirconium	!34x12	!6x(20-30)
W G Q A L	Al/Zirconium	!34x12	!7x(20-45)
W T Q	None	!35x14	!10x1.5
W T Q C	None	!6x50	N/A