

Ferrotron® FT-LevelNet™ – Contactless Steel Bath and Slag Level Measurement

In steelmaking, knowing exactly where your bath- or hot heel-level is at every moment is the difference between safe operation and unnecessary risk. Also the slag level is of utmost interest for customers chemistry.

FT-LevelNet™ uses advanced radar technology to continuously and safely measure bath level and freeboard as well as slag levels and hot heel levels, even under the harshest metallurgical conditions.

Designed for reality on the shop floor, FT-LevelNet™ continuously analyzes radar signals to identify the strongest reflections from the molten surface and slag. This intelligent signal evaluation ensures stable and accurate readings, even when visual systems fail or conditions change rapidly.

Why does this matter:

- Slag level / steel level supports volume calculation of hot heel in EAF plus slag volume
- Enables process automation and optimization
- Reduces operational risk through precise freeboard control in ladle distribution
- Supports more consistent steel quality by defined slag volumes

FT-LevelNet™ delivers what modern steel plants need most: reliable data, without contact, without compromise.

#Steelmaking #Digitalization #MINTEQ

