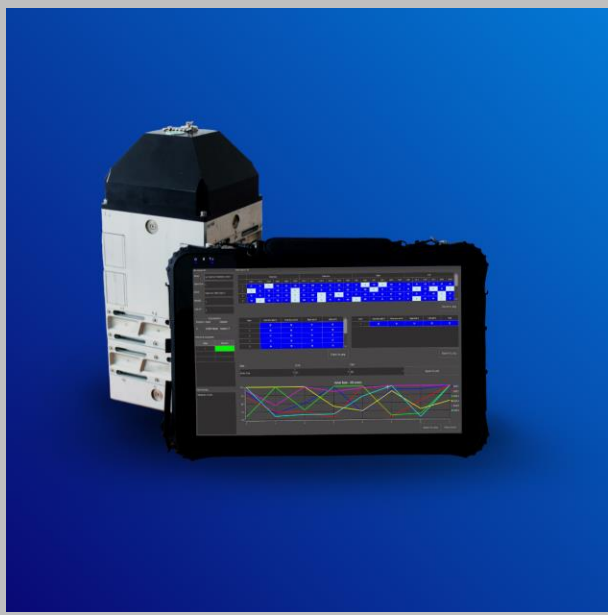




MEASURING SYSTEMS  
FOR CONTINUOUS CASTING MACHINES





# SCSB

## WATER SPRAY CHECKER

SCSB is a driving measuring instrument composed by digital electronic sensors to detect the presence and intensity of secondary cooling water jets in the Billet/Bloom continuous casting machines.

It's composed by cell bars, a set of pressure membrane sensors, adapted according to the billet/bloom size. An advanced data processing and visualization, provides measurement results at different levels:

- Global result (GO/NOGO)
- Cooling zone or side
- Spray line
- Single sensor cell

The module is installed on dummy bar using a custom designed adapter and execute the measurement cycle during the bottom-to-top or top-to-bottom dummy bar movimentation.

### FEATURES

- Light, versatile and easy to use
- Designed to check the secondary cooling system efficiency
- Results at different levels: side, zone and spray line
- PDF/CSV measurement report
- Wireless communication
- Battery powered
- Transportable compact bag



### TECHNICAL DATA

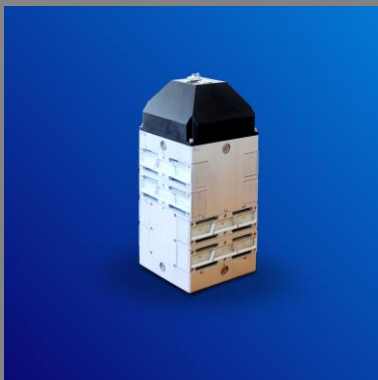
Operator Interface	Rugged Tablet PC
Communication	Wifi
Form supported	Billet, Bloom, Round (size as requested)
Technology	Electronic pressure sensor
Water Spray Efficiency	Qualitative indication: From 0% (occluded) to 100%(fully functional)
Battery life	8 hours
Environmental IP	IP67
Weight	< 10Kg

Measurement data are available through Tablet PC software, SW features includes:

- Graphical results at different levels: side, zone and spray line
- CCM cooling system editor (zone, spray line, spray position, etc)
- PDF/CSV measurement report
- Measure database
- Instrument diagnostic

### BENEFITS

- Prevent quality defects
- Prevent breakouts
- Optimize water spray life
- Reduce maintenance cost
- Optimize plant productivity





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