

FERROLAB* V

Advanced thermal analysis system



FERROLAB V

Advanced Thermal Analysis System

The new Measurement System FERROLAB V is a sophisticated thermal analysis tool that leads to uniform iron quality, less variation in the properties of castings and ultimately allows a reduction in the amount of castings rejected.

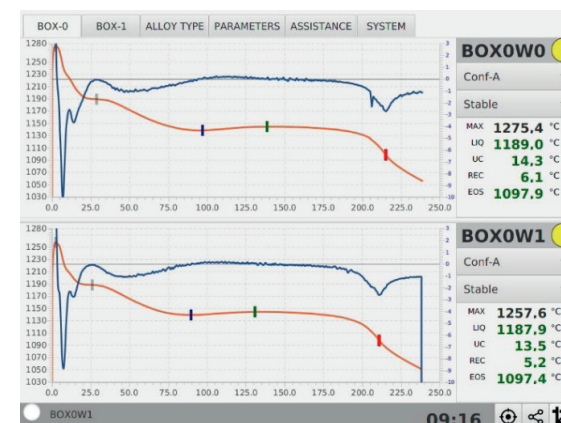
Full Ironmaking Coverage

- + The Measurement System FERROLAB V is a perfect guide to reach optimal inoculant and nodulant additions;
- + Usage in the melt deck is key to reach right physical properties of the base iron, to control nucleation, phase formation and shrinkage;
- + Provides accurate monitoring and correction of possible changes in charge materials;
- + Usage in the pouring station confirms physical properties and generates a quality record for each cast.

The system is provided free of charge to Foseco customers that buy our inoculants, nodularisers and sampling cups. And we work together with them to ensure that they can consistently produce the highest quality iron possible.

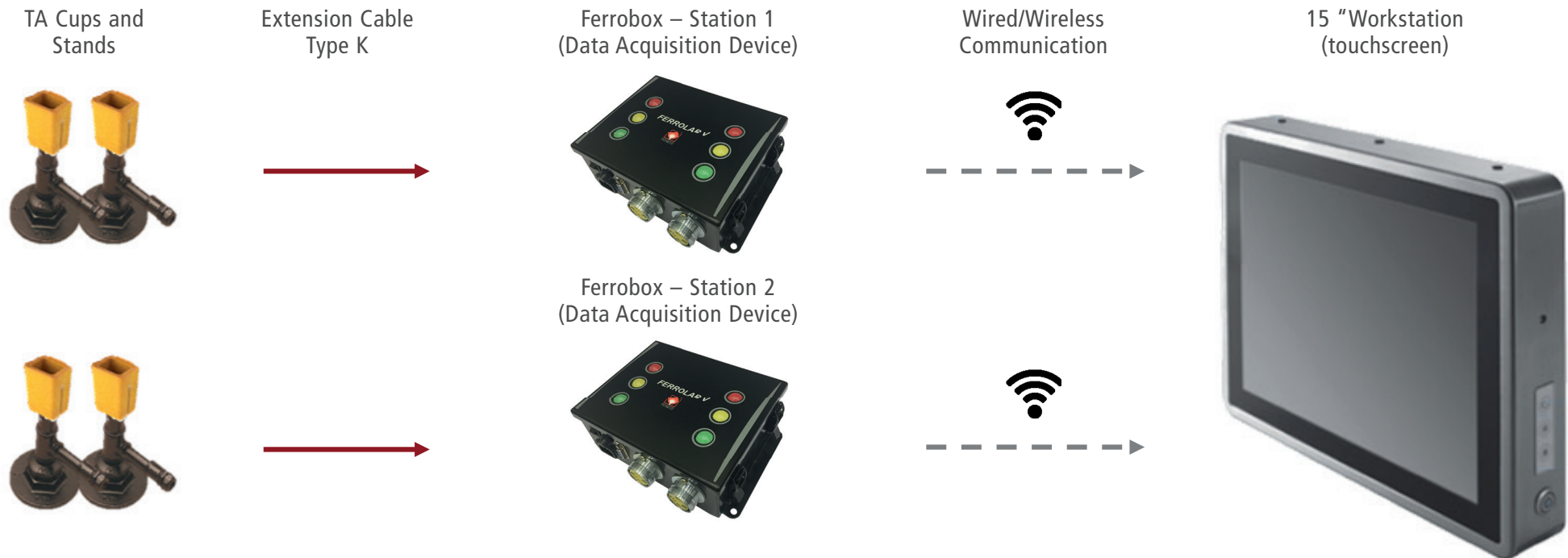
KEY BENEFITS

- + User friendly interface guarantees simple operation and leads to clear actions and decisions in the shop floor;
- + Wireless capabilities guarantees easy installation and portability;
- + Allows up to 4 measurements to be performed simultaneously (2 each data acquisition device);
- + Stores over 500,000 measurements permanently and allows information to be exported to a computer/PLC.



Measurement System FERROLAB V

Overview



Ferrobbox Features

- + 2 simultaneous measuring channels per box;
- + Portable – Same box can be used in different locations.
- + Local configuration through internal display and buttons;
- + Steel cover for enhanced robustness and sealing (can be placed in the shop floor;
- + Wall or table mountable.

Workstation Features

- + 15" touchscreen display;
- + IP66, fanless and water, dust, corrosion proof;
- + Numerous communication protocols to send out measurement data to a customer database (computer or PLC);
- + Capacity to merge measurements in the same graph for comparison purposes.

Foseco International Limited

Drayton Manor Business Park,
Tamworth, Staffordshire,
England B78 3TL

Phone: +44 (0)1827 262021

Fax: +44 (0)1827 283725

www.foseco.com

Please contact your local Foseco team

*FOSECO, the Logo and FERROLAB are trade marks of the Vesuvius Group, registered in certain countries, used under licence. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system of any nature or transmitted in any form or by any means, including photocopying and recording, without the written permission of the copyright holder or as expressly permitted by law. Applications for permission shall be made to the publisher at the address mentioned.

Warning: The doing of an unauthorised act in relation to a copyright work may result in both a civil claim for damages and criminal prosecution. All statement, information and data contained herein are published as a guide and although believed to be accurate and reliable (having regard to the manufacturer's practical experience) neither the manufacturer, licensor, seller nor publisher represents nor warrants, expressly or impliedly: (1) their accuracy/reliability, (2) that the use of the product(s) will not infringe third party rights, (3) that no further safety measures are required to meet local legislation. The seller is not authorised to make representations nor contract on behalf of the manufacturer/licensor. All sales by the manufacturer/seller are based on their respective conditions of sale available on request.

© Foseco International Limited 03/19.

