

1 SFM1 Sap Flow Meter Manual

This guide will cover in depth the operation and features of the SFM1 Sap Flow Meter so that you can understand and operate the instrument to its full capability.

Note 1 This manual should be used in conjunction with the instructional videos provided by ICT International to complement each section of operation. These videos are hyperlinked throughout the relevant sections of this manual and are located on the ICT YouTube site <http://www.youtube.com/channel/UCxtXEr9V3UE5XzDQr6wwtRg>

1.1 Intellectual Property

The specific principle of operation of the Heat Ratio Method (HRM) remains the intellectual property of the publishing authors (Burgess, S.S.O. et al. 2001 *An improved heat pulse method to measure low and reverse rates of sap flow in woody plants* Tree Physiology **21**: 589-598). The original needle design remains the intellectual property of University of Western Australia (UWA) and the individual developers (Dr Stephen Burgess and Dr Tim Bleby). The SFM1 Trade Mark is the property of ICT International Pty Ltd. The complete SFM1 Sap Flow Meter remains the intellectual property of ICT International Pty. Ltd and incorporates the HRM principle made under exclusive license by ICT International Pty Ltd.

1.2 SFM1 Start Up Check List

WARNING 1 - Please Read, Understand and Complete this checklist before unpacking the SFM1 Sap Flow Meter

- Have you watched the instructional videos? <http://youtube.com/user/ictintl>
- Have you contacted ICT to schedule webcast training?
Email: sales@ictinternational.com Phone: + 61-26772 6770