



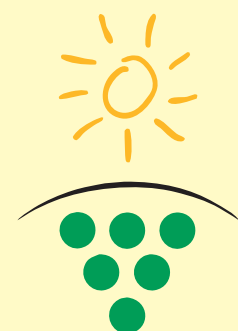
Near Infrared Spectroscopy (NIR)

P R O D U C T S H E E T

The Cooperative Research Centre for Viticulture (CRCV) is working with Sydney-based Integrated Spectronics to develop a portable instrument that will measure colour (total anthocyanins) as well as pH and total soluble solids in red wine grapes.

Specialists in the development and manufacture of spectronic equipment in a range of different fields, Integrated Spectronics has become a supporting participant of the CRCV and are working with the CRCV's NIR project team to develop commercial products for use in the field.

Since the original project commenced, the team has used NIR to scan more than 3,000 red wine grape samples from six vintages and many regions. Together with reference analyses (wet chemistry) for the samples, the team have a powerful dataset for use in calibration of the NIR equipment and the data will be used in the development of the prototype.

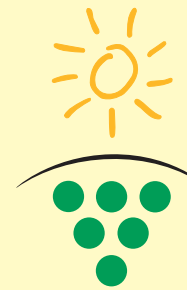


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Integrated Spectronics has the necessary skills to develop electro-optical instrumentation, hardware and systems design that will complement the data collected by the CRCV project team.

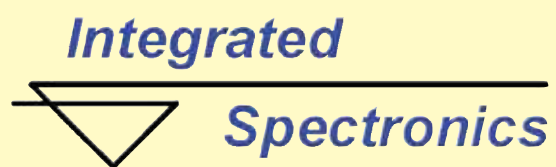


For further information contact:

Ian Atkinson
Technical Applications Manager
Phone: (08) 8303 9304
Mobile: 0427 039 304
Ian.Atkinson@crcv.com.au

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PRODUCT SHEET



www.crcv.com.au