

# LCi T and LCpro T comparison table



	LCi T	LCpro T
CO <sub>2</sub> IRGA inside chamber handle	Yes 0-2000ppm CO <sub>2</sub> range 1ppm resolution	Yes 0-3000ppm CO <sub>2</sub> range 1ppm resolution
High quality H <sub>2</sub> O sensors inside chamber handle	Yes 0-75mbar H <sub>2</sub> O range 0.1mbar resolution	Yes 0-75mbar H <sub>2</sub> O range 0.1mbar resolution
PAR sensor (0-3000µmol m <sup>-3</sup> sec <sup>-1</sup> )	Yes	Yes
Leaf chamber temperature	Yes	Yes
Leaf temperature	Energy balance, manual thermistor /self positioning thermistor	Energy balance, manual thermistor /self positioning thermistor
System flow rate	100-500ml min <sup>-1</sup>	100-500ml min <sup>-1</sup>
Full photosynthesis, transpiration and (soil) respiration calculations	Yes	Yes
Easy to use menu-driven software	Yes	Yes
Colour, touch sensitive LCD	Yes	Yes
GPS	Yes	Yes
Control of temperature inside leaf chamber	No	Yes
Control of PAR inside leaf chamber	Yes	Yes
White or RGB LED light unit	Yes	Yes
Control of CO <sub>2</sub> inside leaf chamber	No	Yes
Control of H <sub>2</sub> O inside leaf chamber	No	Yes
Range of interchangeable chambers	Yes	Yes
Unlimited data storage by SD cards	Yes Auto recording	Yes Auto recording
Battery Type	Lead Acid	Lithium ion
Battery life	10 hours on full charge, without light unit in use	16 hours on full charge, without light unit or climate control in use
Weight of console	2.4kg	4.1kg

ADC BioScientific Ltd. retain the right to change any specification as part of their continual product development



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