



















www.sensorfint.eu

FTIR spectrometer: Hamamatsu C12606-02

Detectors:

Photo-multiplier tubes: Hamamatsu H5784-20, H7826-01

Photodiode Amplifier: Thorlabs PDA200C Avalanche photodiode: Menlo APD-110

Optical chopper: Thorlabs MC 2000

Light sources:

AvaLight-HAL-S-Mini

White light source: Ocean Optics HL-2000-FHSA-LL

Ar-ion laser: Melles Griot 43

Diode laser mounts: Thorlabs TCLD M9

Diode laser current source: Thorlabs LDC 205

Diode laser temperatura controller: Thorlabs TED 200

Electronics:

Philips/Fluke PM6304 LCR meter

Keithley 2614B - sourcemeter - dual channel

BK Precision, capacitance meter 830 C

Oscilloscope Tektronix TDS210

Lock-in amplifier: SRS 830

Digital programmable filter: SRS 650

Digital oscilloscope: Picoscope 3206

Miscellaneous:

Prototype LoRa sensor network (temperature, luminosity,

humidity) deployed in a citrus orchard

Drone MK Okto XL 6S12 with thermal camera Flir Vue Pro

R 336

Snap Maker 3D printer

Digital pH meter SI Analytics TitroLine® 6000

Plant Growth Chamber, homemade

Deep freezer -80º Panasonic MDF-U500 VX-PE







lotion control unit: Newport ESP 300
otation stage: Newport URS100PP
ptical Table: Melles-Griot 07 OTM 501
Ve have gathered large data bases (multi-orchard; multi-
ear) that can be used by other researchers that join us in
ur research topics as collaborators. It is also possible to
stablish specific experimental designs to test the
pplication of various NDSS in the assessment of
uality/ripening of fruit and plants diseases