

Comparison between PiCUS 2 and PiCUS 3

Function	PiCUS 2	PiCUS 3
Operation controlled by PC program	yes	yes
Operation without PC (autarkic)	no	yes
Point to point and 3-point quick test	no	yes
Number of sonic sensors	4 to 24	6 or 12
Cables per sensor	2	1
Maximal Number of measuring points (nails) on tree	50	50 (PC) 24 (autarkic)
Radio hammer operation	optional	yes
Radio hammer with display	no	yes
Setup time (12 sensors from case onto nails, cables etc)	5 min	2 min
Dismantling time (12 sensors from nails into case, cables)	4 min	1 min
Tapping speed (time between two readings)	5 to 10 sec	1 sec
Over all time for sonic scan (12 MP, using electronic calliper)	25 to 40 min	15 to 30 min
Integrated GPS Receiver	no	yes
Semi automatic tree height measurement	no	yes
Dimensions of measuring case (length x height x width)	53x44x23cm	55x42x13cm
Over all weight (instrument, tools, case)	13 kg	10,5 kg
Weight of measuring case (empty)	6 kg	3,5 kg
Time of operation (setup / measuring mode) at 20°C, 12 sensors	- / 4-6 h	20 / 10 h

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