



Thermometer for iPhone, iPad, iPod Touch

iCelsius Pro, a probe which transform your iPhone or your iPad or your iPod Touch into a digital thermometer. Available for download from the App store, this new product can read temperatures, create graphs, set up alerts, store and email graphs.

A thermometer uses a liquid like mercury or alcohol to measure temperature which is provided as a Fahrenheit or Celsius reading. The iCelsius Pro on the other hand reacts much faster to changes, which enables it to provide temperature readings rapidly. The iCelsius Pro can provide accurate temperature readings in the ranges of -22 degrees F to 302 degrees F (-30 degrees C to 150 degrees C) and can be used for various applications.



The iCelsius Pro uses a 4" stainless steel tip to report temperature readings through the iPad when the probe is in thermal contact with matter.

Schools and Universities are showing a growing interest in the iPads and iPod touches. The iCelsius Pro can be a great tool for K-12 education for STEM (Science, Technology, Engineering and Math) subjects as teachers can use their iPads and iPod touch to demonstrate lessons and conduct experiments. Flexibility in use of the iCelsius Pro means elementary school teachers can help students understand the concept of temperature while high school students can use the iCelsius Pro to carry out more advanced experiments in the lab.



The iCelsius Pro can also be used in myriad other applications such as in the kitchen (cooking), for monitoring baby health and baby food temperature, wine, tea, snow temperature and for other household situations. The iCelsius is easy to use as the user simply has to plug the cable into the device and then download the free application from the App Store.

Soon new additional sensors which will propel it to the position of leading provider of sensing technology for Apple devices.

Additional sensors which the company is planning of releasing include additionally enhanced flexible probes which can be used in cooking, baking, grilling, for measuring meat or for checking oil temperature for frying

Technical specifications iCelsius		
	iCelsius	iCelsius Pro
Dimensions	35mm x 28 mm x 7 mm, 1m cable (3.3 ft)	
Probe	2.5 cm or 1" stainless steel	10 cm or 4" stainless steel
Weight	20 g (0.7 oz)	
Power requirements	from iPhone/ iPad / iPod	
Measurement range	-30°C to +70°C (-22° to +158°F)	-30°C to +150°C (-22° to+302° F)
Accuracy	± 1°C	± 0.2.°C (±0.4°F) at 25°C
Display resolution	0.1°C	
Sampling frequency	2Hz	
Operating temperature probe tip only	-30°C to +70°C (-22° to 158° F)	-30°C to +150°C (-22° to 302°F)
Operating temperature whole unit	0°C to +35°C (32° to 95°F)	
Temperature de stockage	-20 °C to 45°C	
Relative humidity	5% to 95% non condensing	
Maximum operating altitude	3000 m (10'000 feet)	
Certifications	CE, RoHS, MFi (Made for iPod)	



Probe iCelsius Pro stainless steel 10cm long, cable 1 m.