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Peratech announces a clear version of its Quantum Tunnelling Composite (QTC) material, saying it could either replace current resistive touchscreens or enchance capacitative screens.

The company says QTC Clear combines the best features of the 2 current touchscreen technologies-- resistive's pressure sensitivity and low power consumption with capacitative's multi-touch capabilities and higher sensitivity and accuracy.

QTC Clear technology consissts of a 6-8 micron thick layer sandwiched between 2 ITO layers sandwiched between 2 hard sheets (usually glass). The QTC Clear layer has a transparency similar to other touchscreens, and Peratech says it is sensitive enough to detect deflections of only a few microns. It also uses less power, as no current flows through the screen unless a there's a user touches it.

Manufacturers of either touchscreen technology can upgrade their existing manufacturing procedures to produce QTC Clear, with little alteration needed to the actual control electronics.

Go QTC Clear