

Wearable Tech: Past, Present & Future

NASSCOM®



War of the Watch

Inter-operability

The Pebble connects to both iOS and Android phones via Blue-tooth, while the Apple Watch and Samsung Gear 2 work only with phones made by Apple and Samsung respectively

Independence

Embedded with its own 3G chip, the Gear 2 can work independently to take calls, send texts and receive messages without a connected smartphone. The Pebble and Apple Watch transmit information from a paired phone. All phones will of course offer basic watch functionality even without a phone

Display

Apple Watch has a full colour, scratch resistant Sapphire display while the Gear 2 has a Super AMOLED screen. The Pebble has a B&W screen



Pebble



Apple Watch



Samsung Gear 2

Battery Life

The Pebble Watch lasts a full week on one charge while users of the Samsung Gear 2 may need to charge their watches every 2-3 days. Apple Watch users may need to get used to a nightly charge for their devices

Value-Add

Samsung and Apple score over Pebble here. Gear 2 comes with a heart monitor and a limited set of Samsung apps, while Apple goes one better with Apple Pay that will let you use the watch to check out at a store. Both Apple Watch and Gear 2 have fitness trackers - with a motion sensor and heart-rate monitor to track movement and activity. Both can also be used to play music though the Samsung watch is the only one with a camera



The Future of Wearable Tech



Smart clothing that can charge devices using solar energy



Clothing with sensors that track movement and heart rate



Gear (such as helmets and glasses) that help with navigation



Objects and clothing with trackers that prevent stuff from getting lost



Wearable air purifiers that ensure a clean personal environment



Personal climate controllers to heat/cool the body