



FLEXcon® OMNI-WAVE™ is a hydrogel-free biosensing technology.



- OMNI-WAVE™ passes ISO 10993-10 for sensitization and irritation.
- AAMI compliant.
- It has been awarded more than 90 patents worldwide and is ready to change the electrode paradigm.

FLEXcon Healthcare

New Possibilities in Wearables, Diagnostics, and Wellness.



FEATURES





Performance and Stability	Not affected by humidity	Affected by humidity
Functional Life	3-day wear	2-3 day wear, skin and activity dependent
Out-of-pack Life	6-month out-of-pack life	30 to 60-day out-of-pack life
Allergic Reaction	No hydrogel related adverse reaction to skin	No standard options for those patients who are allergic to hydrogel
Ease of Processing	Easy to run - dry 2-mil (50 μm) adhesive	Roll to roll 30-40 mil (750 μm - 1,000 μm) gel processing can be challenging
Activity	Shower/bathe, jog	Failure in water
Storage Conditions	0° to 85°F -17° to 30°C	50° to 90°F 10° to 32°C
Packaging	No expensive barrier packaging required	Moisture barrier packaging required (foil + film + paper) packaging required
Cost Savings	\$30/1000 electrodes	

