

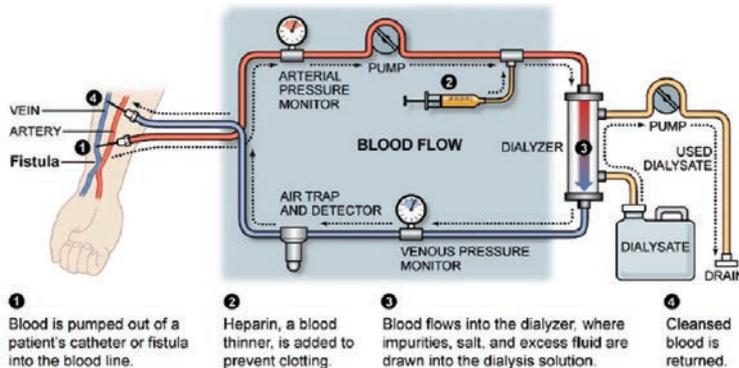
Application Spotlight

Pressure Sensors for Hemodialysis Equipment

Your kidneys play an important role in maintaining the health of your body, including maintaining equilibrium of water and minerals, excreting some acidic end-products, and producing vital fluids. When a person experiences kidney failure, they must rely on a dialysis machine to serve as their kidneys and perform these essential functions.

For a medical device as essential as a dialysis machine, only the highest quality components will do.

Equipped with the technical knowledge, advanced design expertise, and in-house wafer fabrication capabilities, the NovaSensor pressure sensor product line includes state-of-the-art, high performance and cost effective sensor solutions known for their accuracy, reliability and size. Our Microelectromechanical Systems (MEMS) piezoresistive sensors are mounted into application-specific packaging to address even the most challenging medical requirements.



	NPC-100 / NPC-120	NPI-12	NPP-301
Sensor Solutions	<ul style="list-style-type: none"> • Solid state, high reliability • Media compatibility • Factory-filled with dielectric gel • Fully tested and temperature-compensated • Low cost disposable design 	<ul style="list-style-type: none"> • Solid state, high reliability • Standard TO-8 package • Pressure Range: 2psi to 5,000psi • Absolute, gauge or differential • Low cost media isolation 	<ul style="list-style-type: none"> • High accuracy and reliability • Pressure Ranges: 100, 200, 700 kPa • Wide operating temperature range (-40°C to 125°C) • Small size, low cost solution • Low power requirements

Additional Product Documents for Download:

- [NovaSensor NPP-301 | Surface Mount Pressure Sensors](#)
- [NovaSensor NPC-100 | Disposable Medical Pressure Sensors](#)
- [NovaSensor NPC-120 | Disposable Medical Pressure Sensors](#)
- [NovaSensor NPI-12 | Stainless Steel Media Isolated Sensors](#)
- [NovaSensor NPA Series | Surface Mount Pressure Sensors](#)



Amphenol Advanced Sensors is a leading innovator in advanced sensing technologies and embedded measurement solutions customized for a wide range of applications to provide critical information for real time decisions. We offer industry-leading application expertise, rapid customization and world-class manufacturing capability to deliver the greatest value to our customers.