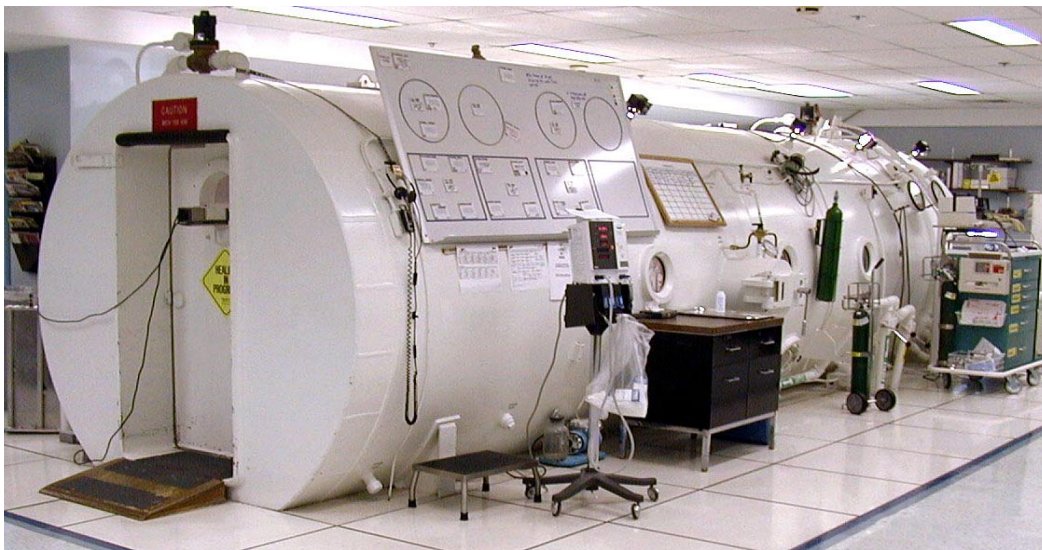




Remote Panel system for use in Hyperbaric chambers

The Remote Panel system allows the PeriFlux System 5000 to be used in a hyperbaric chamber where the probes/electrodes are located some distance from the instrument. The PeriFlux System 5000 (equipped with LDPM units, heat units and/or $tcpO_2/CO_2$ units) is positioned outside the chamber, the Remote Panels inside the chamber. Electrical and optical cables connect the Remote Panels to the PeriFlux System 5000 through a Sealing Gland in the chamber wall. Inside the chamber, the electrodes and probes are connected to the Remote Panel. The PeriFlux system is operated from outside of the chamber while calibration of the electrodes and probes can be performed inside the chamber. Calibration can also be performed while the chamber is pressurized. The system has been submitted for approval by Germanische Lloyd.



Wound Care & Hyperbaric Medicine Center, San Antonio, USA





LDPM Remote Panel

The LDPM Remote Panels are connected to a PF 5010 and PF 5020. The standard length of the cable is 6 meters. Laser Doppler and thermostatic probes are connected directly to the LDPM Remote Panel.

PF 5810

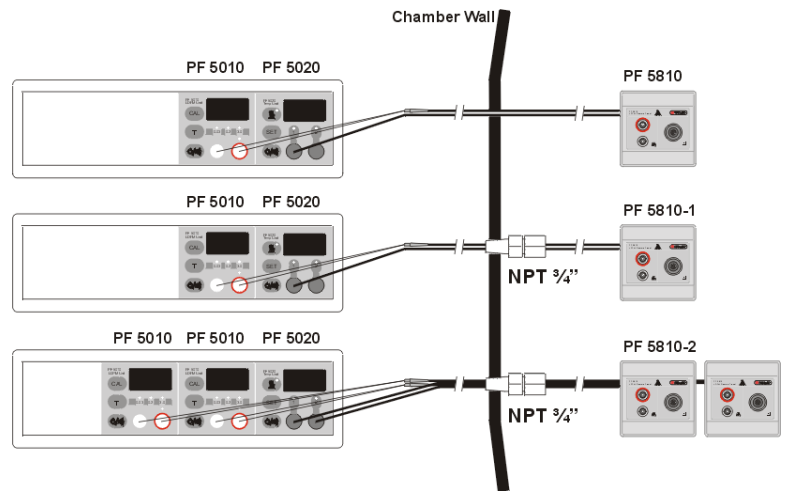
Remote panel for one laser Doppler probe and one thermostatic laser Doppler probe, for example PROBE 457. Sealing gland is not supplied. Minimum hole diameter for connectors to pass through without any disassembling is 14 mm.

PF 5810-1

Same as above, but there is a Sealing Gland on the cable with a 3/4 inch NPT thread. NOTE: The Sealing Gland is mounted from the inside of the chamber.

PF 5810-2

Same as above, but intended for use with two PF 5010, one PF 5020 and two PROBES 457.



TC Remote Panel

TC Remote Panels are connected to a PF 5040RC (modified PF5040). The standard cable length is 6 meters. Electrode E5250 or electrode E5280 is connected to the TC Remote Panel. The electrodes can be calibrated inside a pressurized chamber.

PF 5840

Remote panel for one electrode. Sealing gland is not supplied. The diameter of the cable is 9 mm and the connector 27 mm. The cable can be partly disassembled. The diameter is 22 mm without the outer plastic cover, 19,5 mm without sleeves and 12 mm without the connector (with cable pins).

PF 5840-1

Same as above, but there is a Sealing Gland on the cable with a 1/2 inch NPT thread. To avoid disassembling the connector fitting into PF 5040 RC, there is a bushing with 1 1/4 inch NPT thread. Minimum hole diameter for the connector to pass through is 28 mm. If the hole is less than 28 mm, the connector can be partly disassembled. Minimum required hole diameter is then 20 mm.

PF 5840-2

Same as above, but intended for two PF 5040. Minimum hole diameter for two connectors to pass through is 37 mm. After part disassembly, the minimum required hole diameter is 29 mm.

PF 5840-4

Same as above, but intended for four PF 5040. Minimum hole diameter for four connectors to pass through is 37 mm. After part disassembly of the connectors, the minimum required hole diameter is 28 mm.

For further information – see Remote Panel System User’s Handbook.

