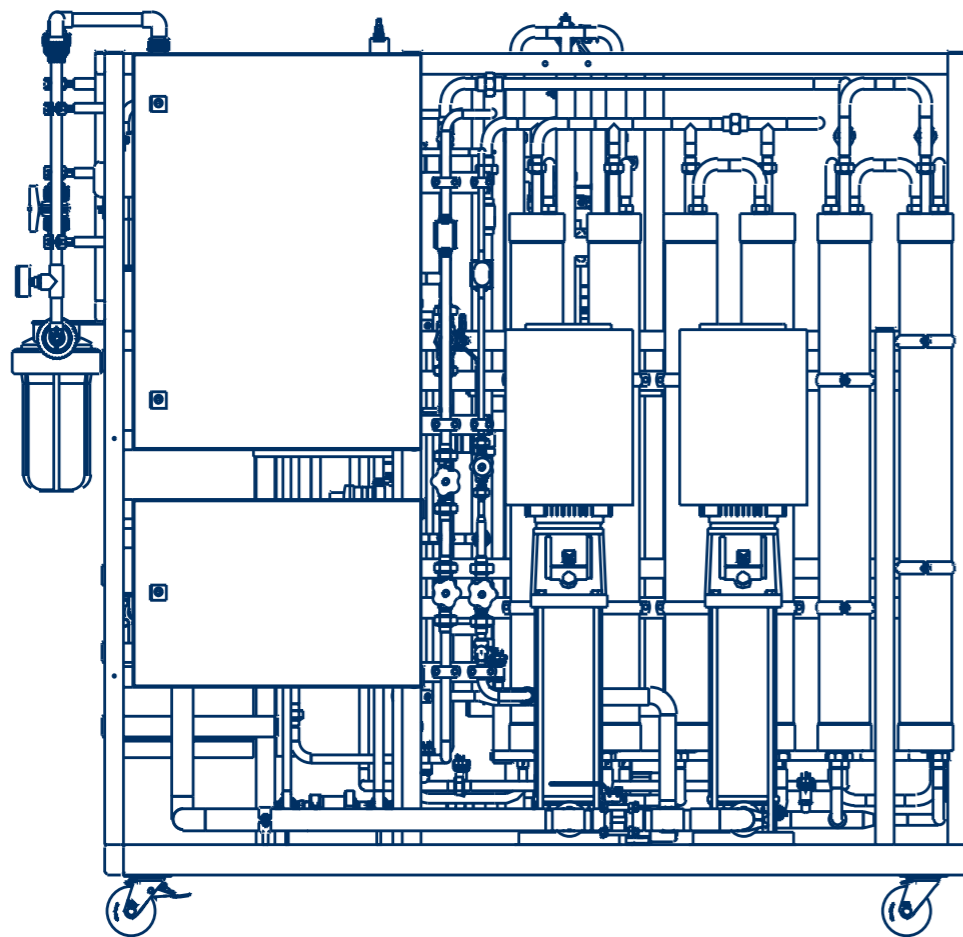


**Ultra Pure Water.  
Economical.  
DeadZone Free.**

OUR RO UNIT  
HP5500D 500-4500  
P/H SERIES.

- ✓ As a nephrologist, do you want to make sure that your patients are treated with ultra-pure water to achieve the best dialysis experience?
- ✓ As a hospital purchasing agent, do you want to save more than € 600.000 in 10 years by choosing a reverse osmosis with advanced water-saving technology?
- ✓ As the managing director of a hospital, do you want to opt for certified equipment with the highest operational reliability?
- ✓ As a nurse, do you want less hassle with easy-to-operate equipment, that can be heat-sanitised automatically?
- ✓ As a technician, do you want to ensure high availability with easy and safe remote support from anywhere in the world?

OUR HEAT-DISINFECTABLE,  
TWIN-PASS REVERSE OSMOSIS  
SERIES HP5500D P/H  
CAN HELP YOU.



**Economical**  
TRIPLE  
WATER-SAVING  
STRATEGY

Water consumption of the RO is reduced with three design strategies: recirculating permeate from the loop, adjusting concentrate flow in the 1st stage according to the current permeate consumption and recirculating concentrate from the 2nd stage to the break tank.



**Dead Zone Free**  
DISINFECTION  
AT THE PUSH  
OF A BUTTON

The complete reverse osmosis unit including the RO modules can be heat disinfected at a temperature of up to 90°C. As an option, the downstream permeate ring main with the double-hose connections (free from dead zones) to the dialysis machines can be heat disinfected in the same step.

„THE RELIABLE WATER  
TREATMENT FOR DIALYSIS“

THE TWIN-PASS RO REDUCES OPERATING COST DRASTICALLY DUE TO TRIPLE WATER SAVING STRATEGY AND HIGH ENERGY EFFICIENCY.

WATER AND WASTE WATER COSTS AFTER 10 YEARS:



684.000 €

HP5500D P/H UNIT  
85% yield in total



1.292.000 €

IN COMPARISON: STANDARD UNIT  
75% yield per pass

Permeate production 4.5 m<sup>3</sup>/h  
(for 90 dialysis beds)  
Operation 18 h/d and 6 d/w  
Water cost 2.0 €/m<sup>3</sup>  
Waste water cost 2.0 €/m<sup>3</sup>

INNOVATIVE DESIGN AND HIGH PRODUCTION STANDARDS FOR A LONG SERVICE LIFE AND EXCELLENT PURE WATER QUALITY.

LONG SERVICE LIFE:

DURABLE STAINLESS STEEL PIPING AND ROBUST STAINLESS STEEL BASE FRAME

LEAKAGE DETECTION SYSTEM AND TEMPERATURE / OVERPRESSURE ALARMS

EXCELLENT PURE WATER QUALITY:

REDUNDANT TWIN-PASS REVERSE OSMOSIS

DEAD-ZONE FREE DESIGN

HEAT DISINFECTION, NO CHEMICALS NEEDED

DOUBLE-HOSE CONNECTION OPTION

EXCELLENT PURE WATER QUALITY:

RECORDING AND DISPLAY OF ALL RELEVANT OPERATING VALUES

SUPPORT AND MAINTENANCE BY HERCO SERVICE TEAM



### Local manufacturing

All our units are manufactured by hand on site in Freiberg am Neckar in Germany. We will gladly answer your questions!

### Quality for a fair price

All our units are certified according to DIN ISO 9001, EN ISO 13485 and EC certificate. Our medical devices are certified according to MDD (Medical Device Directive 93/42/EEC).



### Herco Wassertechnik GmbH

Planckstraße 26  
71691 Freiberg am Neckar  
Germany

### Herco medical (german/english)

Hans Richard Ernst  
Phone +49 7141 7095-142  
E-Mail richard.ernst@herco-wt.de

### More than 30 years of experience

We have built water treatment plants for dialysis applications for more than 30 years and understand your requirements. Contact us to find out more!

### Competent service and support

We offer reliable service long after your purchase. As trustworthy partner, we are always there for you!

### Herco medical (french/german)

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