


# Dialysis success maximized by technology

## DIAMAX™ WOW

**WOW - WINNING OUTCOMES, WELL-EXECUTED:**

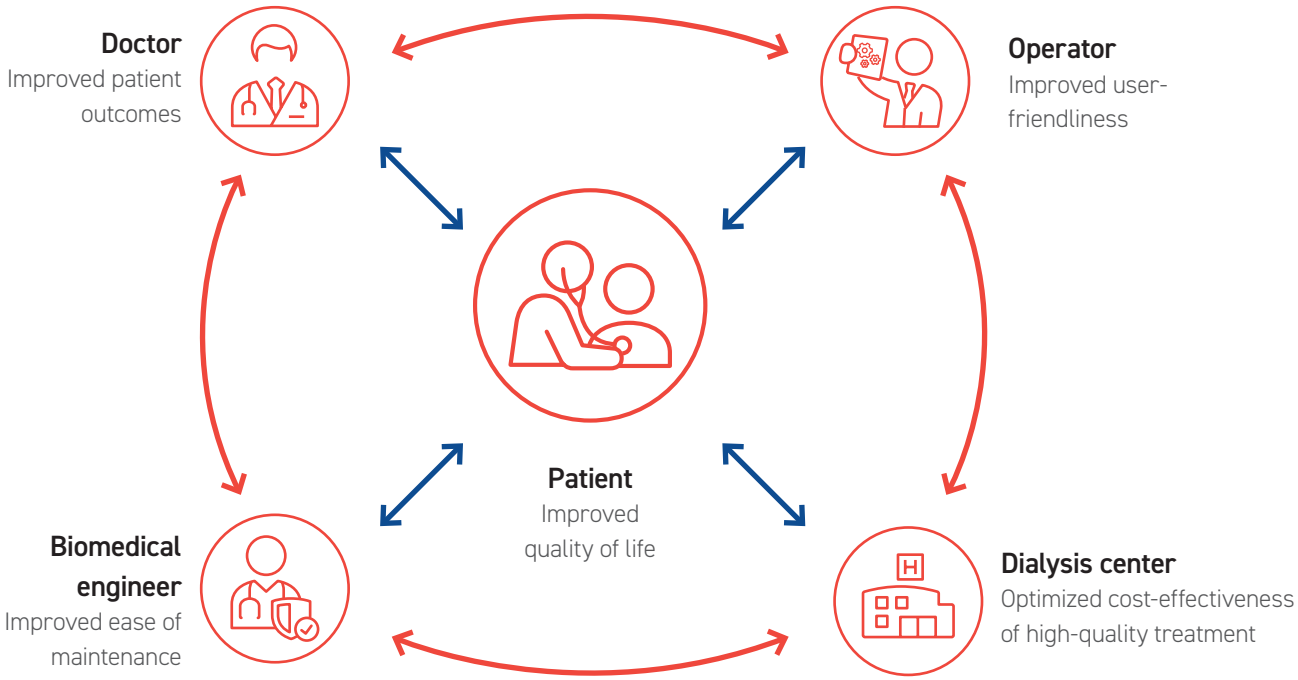
**PERFECTING DIALYSIS WITH DIAMAX WOW**

NIPRO
Live Longer. Live Better.

# At Nipro, we believe

At Nipro, we believe in developing products that not only improve patient outcomes but also embody our promise to help people to Live Longer and Live Better.

When developing the **DIAMAX WOW**, we incorporated the viewpoints from the patient and all possible end-users: from operators, to engineers, to healthcare providers, to the general management of a dialysis centre. This resulted in a user-friendly, patient-centric, and cost-efficient contemporary dialysis machine. Proudly introducing: **DIAMAX WOW**.





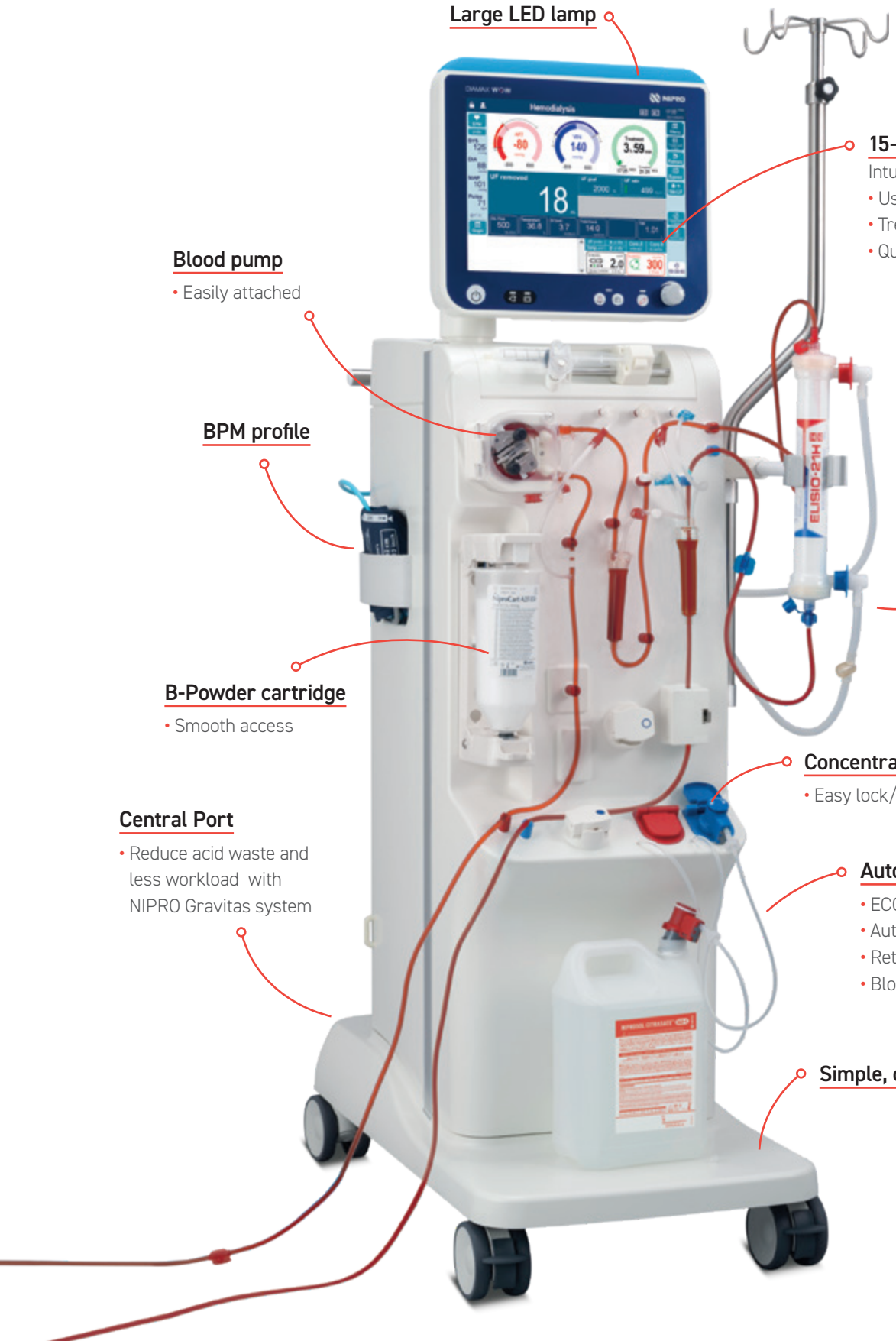


## Diamax WOW
addresses all of these requirements.

## Challenge accepted – Challenge met!

# Improved user-friendliness

Nipro's **Diamax WOW** is precision-engineered for ease, comfort, and satisfaction in every use, embodying our dedication to user-friendly design and reliable performance. It's not just a machine but a commitment to excellence, empowering healthcare professionals to consistently achieve **Winning Outcomes, Well-executed**. The Diamax WOW delivers comfort and quality, not only for healthcare professionals but also for patients aspiring to live better, every single day.



## Therapy option

- HD
- SLED
- SEQ-UF
- Blood perfusion

## Profile option

- UF
- Dialysate conductivity
- Dialysate temperature
- BPM

# Improved patient outcomes

In dialysis treatment, many difficulties such as hypotension, acidosis, alkalosis, and hemodynamic instability, etc. can occur. We aim to offer the best possible option to medical professionals.

**Diamax WOW** isn't just about improving clinical outcomes; it's about empowering patients to reclaim their lives, one treatment at a time. It's the power to not only live longer but to live better, encapsulated in every detail of our technology.



## Ease of Maintenance Meets Nipro's Promise of Excellence

Maintaining the DIAMAX WOW is as effortless as it is essential. Designed for streamlined access and longevity, the DIAMAX WOW ensures that your focus remains on patient care, not on machine care.

- Cover that opens wide to allow easy access
- Spacious hydraulic layout
- High durability valve
- ETRF replace support
- Easy calibration
- Water inlet filter for hydraulic protection

## Cost-Efficient Without Compromise

DIAMAX WOW balances economical operation with the commitment to premium care that Nipro is known for. The ECO function and bloodline drain feature speak to a future where sustainability and therapy quality go hand in hand, ensuring a lasting positive impact on both your budget and the environment.

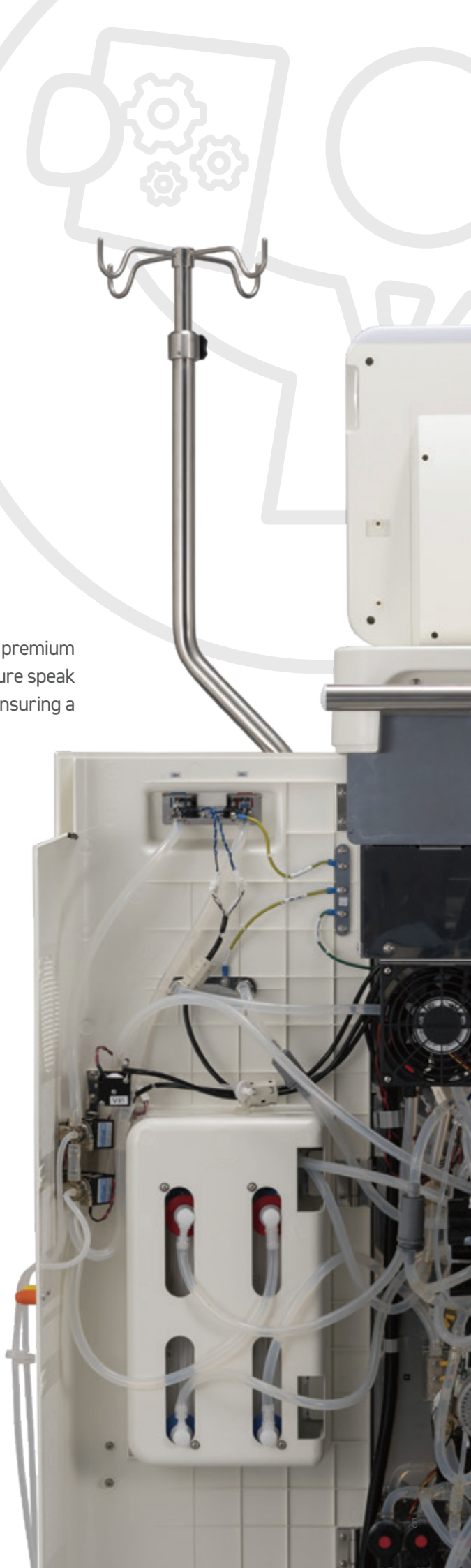
- **ECO mode and shortened preparation time:** Reduces dialysate consumption
- **Bloodline drain function:** Reduces disposable weight by automated bloodline draining
- **Fast Heat disinfection:** Reduce energy consumption

# Are you looking to :

- **Enhance care with a machine that minimizes operating costs over time?**
- **Embrace sustainable solutions that deliver ongoing value?**

### Your Path to a Better Tomorrow

Choose DIAMAX WOW - the smart investment for a future where cost efficiency and high-quality care create better outcomes and better lives for everyone.



# Technical specification

## General

| | | |
|---|---|---|
| Dimension | 380 mm x 500 mm x 1,570 mm (W x D x H) | Only machine body |
| | 470 mm x 900 mm x 1,900 mm (W x D x H) | With IV pole and base cover |
| Weight | Approx. 95 kg | — |
| **Electrical Data** | | |
| Power supply | 110 or 230V AC ±10% | Blood pump, Heparin pump run with battery operation. (UF and Hydraulic stop.) |
| Power consumption | Below 2200VA | |
| Battery | 30 minutes battery operation in power failure | |
| **Water supply condition** | | |
| Inlet pressure | 0.1 ~ 0.75 MPa | — |
| Inlet temperature | 5 ~ 30°C | — |
| Inlet flow rate | More than 1300mL/min | — |

## Blood circulation system

| | | |
|---|---|---|
| **Blood pump** | | |
| 8.00 mm pump tube | 10 ~ 600 mL/min | Accuracy: ±10% (Inlet pressure >-200 mmhg) |
| 6.35 mm pump tube | 10 ~ 450 mL/min (5 ml step setting) | |
| **Heparin pump** | | |
| Flow rate | 0 ~ 20 mL/h | Auto stop / Auto Bolus Accuracy: ±10% |
| Bolus volume | 0.5 ~ 10.0 mL | |
| Available syringe size | 10, 20, 30, 50 mL syringe | |
| **Arterial pressure monitor** | -300 ~ +600 mmHg | Accuracy: ±10 mmHg |
| **Venous pressure monitor** | -300 ~ +600 mmHg | Accuracy: ±10mmHg |
| **TMP monitor** | -100 ~ +600 mmHg | — |
| **Air bubble detector** | 0.3~10.0μL | — |

## Hydraulic fluid system

| | | |
|---|---|---|
| **Dialysate flow rate** | 100 ~ 1000 mL/min (50ml step) | Accuracy: ±10% (With one CF-609N) |
| **Dialysate temperature** | 34.0 ~ 41.0°C | Accuracy: ±0.8°C |
| **Dialysate conductivity** | | |
| Total conductivity | 12.5 – 15.7 mS/cm | Accuracy: ±0.2 mS/cm |
| B+W conductivity | 2.0 – 8.0 mS/cm | |
| **Ultrafiltration** | UF Rate: 0, 0.05 – 5.00 L/h | Accuracy: ±30 g/h or 1% of UFR (Higher value is applicable). |
| | UF Time: ~ 24 hours | |
| **Dialysate pressure monitor** | -450 ~ +450mmHg | Accuracy: ±10mmHg |

## Rinse / Disinfection

| | |
|---|---|
| Disinfection | Sodium hypochlorite / Peracetic acid / Hot citric / Hot water |
| Decalcification | Acetic acid / Peracetic acid / Hot citric / Citric acid |
| Other function | Rinse Program / Auto OFF / Dwell/ Sleep (Auto ON) |

## Software functions: Other functions

| | |
|---|---|
| ECO mode | Rinse dialyzer |
| Qb-Qd synchronize | Kt/V calculation |
| Bloodline Drain | Treatment Pause |

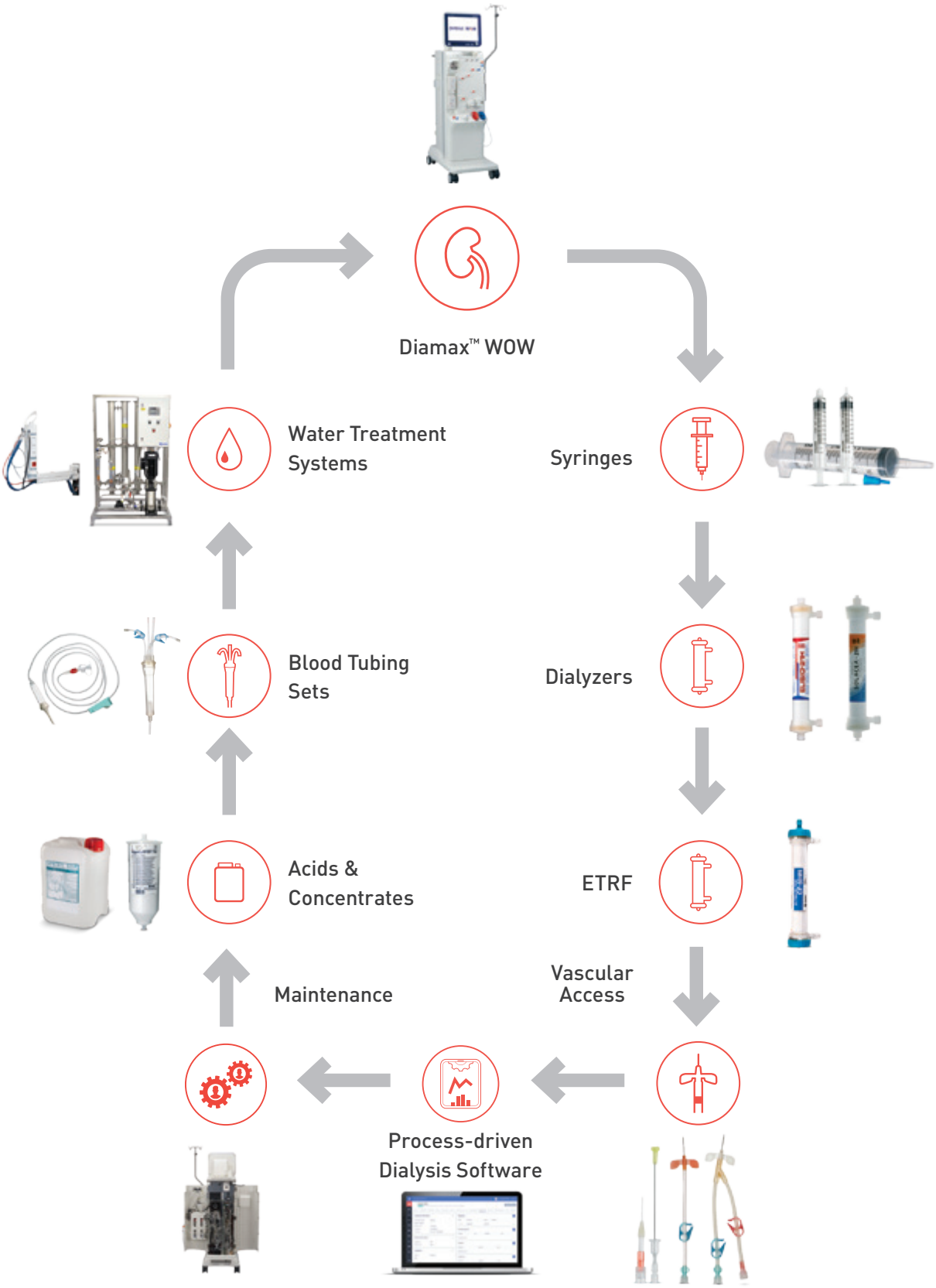
## Machine Type

| | Type A | Type B | Note |
|---|---|---|---|
| **B-Powder holder** | ✓ | ✓ | — |
| **BPM** | ✓ | ✓ | — |
| **2nd Rinse Port** | ✓ | ✓ | — |
| **Drain Port** | ✓ | ✓ | — |
| **LAN communication** | ✓ | ✓ | — |
| **Concentrate Central Port** | X | A1 port | Central inlet pressure: 5 – 100 kPa. Maximum 3 ports are available (A1 / A2 / A3 /B) |
| **Arterial Post-pump pressure sensor** | Option | Option | — |
| **Dialysate inlet pressure sensor** | Option | Option | — |

# Your total renal solution provider

## FOR IMPROVED PATIENT OUTCOMES

NIPRO is committed to improving patient outcomes and quality of life, and we offer safe and superior quality products for every stage, including dialyzers, acids and concentrates, and water treatment systems. In order to maintain a high quality, we also offer maintenance of our dialysis machines.



Founded in 1954, Nipro Corporation Japan honors a tradition of excellence, guided by the Sanpo Yoshi principle - a commitment to prosperity and social responsibility. As a global leader in healthcare, with over 38.000 dedicated colleagues, we are devoted to improving patient outcomes and enhancing quality of life for everyone. We serve the Medical Device, Pharmaceutical and Pharma Packaging Industries.

As a provider of comprehensive healthcare solutions, Nipro prides itself on offering products and services that are synonymous with quality and reliability. Our commitment to these fundamental values ensures healthcare professionals and patients benefit from premium products that improve outcomes and enhance care while optimizing both time and costs. This steadfast dedication is a reflection of our promise to help people live longer, live better, and supports our vision for a healthier global community.

## Founded in 1954

LISTED ON THE TOKYO STOCK EXCHANGE, FIRST SECTION (8086)

## 38,000+ employees worldwide

60+ manufacturing facilities

300+
Sales offices

7 R&D centers
25 Training facilities



Japan



Americas



EMEA



Asia

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NIPRO
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