

# Digital intelligence reaches perfection in the Symphonie Aqua System

The future of socket technology



**Symphonie**  
Aqua System **DIGITAL**



# Digital Perfection in Orthopedic Technology

Hydrostatic plaster impressions with the Symphonie Aqua System have already fundamentally changed the fitting of prosthetic sockets.

The digitalization of the Symphonie Aqua System represents a revolution in orthopedic technology – the perfection of individual prosthetic socket production.

By means of Magnetic Field Trackings (MFT), the actual form of the residual limb is hydrostatically captured in 3D, while bearing full weight. The Symphonie Aqua Digital system combines individual socket production and ascertainment of the residual limb's anatomy – while bearing the actual weight – with digital production, which requires neither reworking nor further effort.

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# Magnetic Field Trackings



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## Highest efficiency

- + no additional materials, e.g. plaster
- + no reworking
- + savings of cost, time and materials
- + impression reproducibility
- + simple application

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## Highest precision

- + the individual form of the residual limb is completely and digitally measured while bearing the actual load; characteristic structures e.g. scar tissue, bony structures or areas which are not capable of withstanding loads are taken into account
  - + higher custom satisfaction due to the perfect fitting and adhesion of the socket
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# Symphonie PREDICTION – the digital intelligence within the prosthetic socket

## Anticipating future socket adjustments

### Calculating future changes for the socket and acting with foresight

Using digital and medical parameters such as diabetes, blood pressure and BMI, the individual development of the residual limb anatomy is predicted. The Prediction tool can already calculate future changes in the socket during the initial measuring procedure. Anticipating necessary individual changes and adjustments to the socket – based on medical facts and parameters – additions are produced and included in delivery for ensuring future accurate fitting.



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## Advantages

- + Prediction allows for savings of materials, costs and time
  - + acting with foresight, as opposed to reacting to possible occurrence of complications
  - + perfect alignment, individual and accurate fit
  - + scientifically based, developed with medical professionals
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*What drives us  
is the challenge  
of applying innovation  
and the most modern technology  
in order to help disabled people  
restore activity and mobility,  
so that they can live as  
independently as possible.*



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