



amparo
revolutionizing
prosthetics

A system that
fits to your
workflow.

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About Amparo

Amparo exists to create the world's highest-functioning and most comfortable prosthetic fit. We believe prosthetic care should be high-quality, personalised, and accessible within hours. Through modular socket technology, weight-bearing fitting methods, and clinician-focused design, we help professionals deliver adaptive care with greater consistency. Our values are innovation, practicality, patient-centred thinking, and expanding access to better mobility worldwide for all users.



Book a meeting

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Resilience Socket Medium

Strong. Comfortable. Built for change.

The Resilience Socket offers unmatched mobility with its ultra-light, aerospace-grade aluminum frame and Kevlar-reinforced distal end. Designed for strength without bulk, it's compatible with pin, suction, and active vacuum suspension systems.

Specifications

Amputation Level	Transtibial (TT) / Below-Knee
Socket Style	Total-Surface-Bearing (TSB) Patellar Tendon Bearing (PTB)
Suspension System	Interchangeable between Passive Vacuum, Active Vacuum and Pin Lock
Materials	Low-temperature thermoplastic cone reinforced with Kevlar fibers with a pre-assembled aerospace graded aluminum mounting plate
Offset	None - Centered Plate
Distal Adapter	Adult 4-hole pattern
Remolds	5 times
Standards	    



Resilience Socket Medium				
				
Resilience Socket	Black Carbon	Dark Blue Carbon	Light Blue	Camouflage
REF Number	RS-M-BC	RS-M-DB	RS-M-LB	RS-M-CA
Weight Supported	125 kg	125 kg	125 kg	125 kg
Liner Size	20-38	20-38	20-38	20-38
Max Residual Limb Length	27 cm	27 cm	27 cm	27 cm
Internal Color	Black	White	White	White
External Color	Black Carbon	Dark Blue Carbon	Light Blue	Camouflage
For orders of 50 or more Resilience Sockets (Medium or Small), we offer custom exterior designs—from branded patterns to full-color illustrations. Personalize your prosthetic offering and give its users a socket that reflects their personality or your clinic's brand.				

Resilience Socket Small

Comfortable fit for Smaller Residual Limbs

The Small Resilience Socket is designed for a secure, comfortable fit and greater mobility. Its compact form supports pin, suction, and active vacuum suspension for a fully personalized experience.

Specifications

Amputation Level	Transtibial (TT) / Below-Knee
Socket Style	Total-Surface-Bearing (TSB) Patellar Tendon Bearing (PTB)
Suspension System	Interchangeable between Passive Vacuum, Active Vacuum and Pin Lock
Materials	Low-temperature thermoplastic cone reinforced with Kevlar fibers with a pre-assembled aerospace graded aluminum mounting plate
Offset	None - Centered Plate
Distal Adapter	Adult 4-hole pattern
Remolds	5 times
Standards	    



Resilience Socket Small				
				
Resilience Socket	Black Carbon	Dark Blue Carbon	Light Blue	Camouflage
REF Number	RS-S-BC	RS-S-DB	RS-S-LB	RS-S-CA
Weight Supported	80 kg	80 kg	80 kg	80 kg
Liner Size	16-23	16-23	16-23	16-23
Max Residual Limb Length	27 cm	27 cm	27 cm	27 cm
Internal Color	Black	White	White	White
External Color	Black Carbon	Dark Blue Carbon	Light Blue	Camouflage
For orders of 50 or more Resilience Sockets (Medium or Small), we offer custom exterior designs—from branded patterns to full-color illustrations. Personalize your prosthetic offering and give its users a socket that reflects their personality or your clinic's brand.				

Resilience Socket - Pediatric

Empowering Little Adventurers

Built for active kids, the Pediatric Socket combines lightweight strength with a secure, comfortable fit—supporting natural movement and everyday play.

Specifications

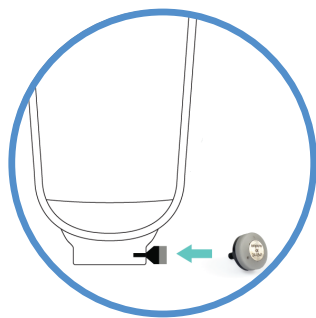
Amputation Level	Transtibial (TT) / Below-Knee
Socket Style	Total-Surface-Bearing (TSB) Patellar Tendon Bearing (PTB)
Suspension System	Interchangeable between Passive Vacuum, Active Vacuum and Pin Lock
Materials	Low-temperature thermoplastic cone reinforced with Kevlar fibers with a pre-assembled aerospace graded aluminum mounting plate
Offset	None - Centered Plate
Distal Adapter	Pediatric 4-hole pattern
Remolds	5 times
Standards	    



Pediatric Socket		
		
Pediatric Socket	Brave Bird	Dark Marble
REF Number	RS-PE-BB	RS-PE-DM
Weight Supported	60 kg	60 kg
Liner Size	12-20	12-20
Max Residual Limb Length	27 cm	27 cm
Internal Color	White	Black
External Color	Brave Bird	Dark Marble

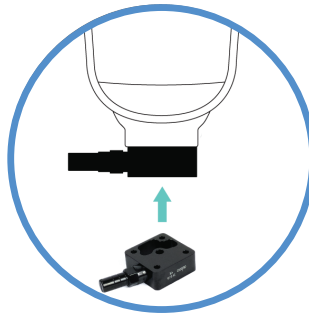
Resilience Socket and Pediatric Socket Suspension Systems

The Resilience Socket Medium, Small and Pediatric Socket can be used with a Passive Vacuum System, an Active Vacuum System or with a Pin Lock System.



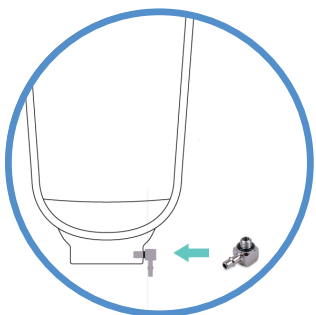
Passive Vacuum System

A button valve that ensures smooth integration with liners and sleeves, available in a standard size (compatible with the Medium and Small Resilience Sockets) and a pediatric size.



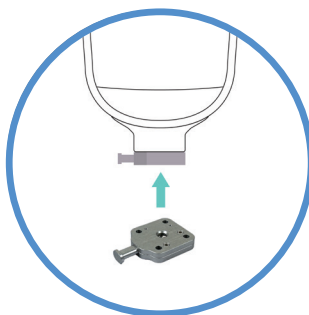
Clutch Pin Lock System

A standard clutch lock mounted on the distal socket, providing a secure fit and quick release, compatible with both Small and Medium Resilience Sockets



Active Vacuum System

Minimizes pistoning for a more natural feel and better proprioception, improving balance and control. Available in standard (Medium and Small Resilience Socket compatible) and pediatric sizes.



Pediatric Shuttle Pin Lock System

This shuttle lock system offers safe, audible engagement, compatible with the pediatric size.

Suspension Units*

*Suspension units are not included in the Resilience Socket and Pediatric Socket. Ordered separately.



Resilience Button Valve Kit

A kit for adding suction suspension to the Resilience socket. Includes seal, button valve and 4x screws

REF Number	RVK or RVK-PE
Specifications	M5 Connection



Pin Lock Unit

Pin-lock suspension unit for use with Resilience Socket small and medium with clutch pin.

REF Number	PLU-R
Pin Length	49 mm
Build Height	20 mm



Resilience Elevated Vacuum Kit

A kit for adding elevated vacuum suspension to the Resilience Socket. Includes seal, barbed fitting, and 4x screws

REF Number	EVK or EVK-PE
Specifications	M5 connection Barbed fitting 6mm ID tube



Pediatric Pin Lock Unit

Pediatric Shuttle Pin-lock suspension unit for use with Pediatric Socket

REF Number	PLU-PE
Pin Length	44 mm
Build Height	10 mm

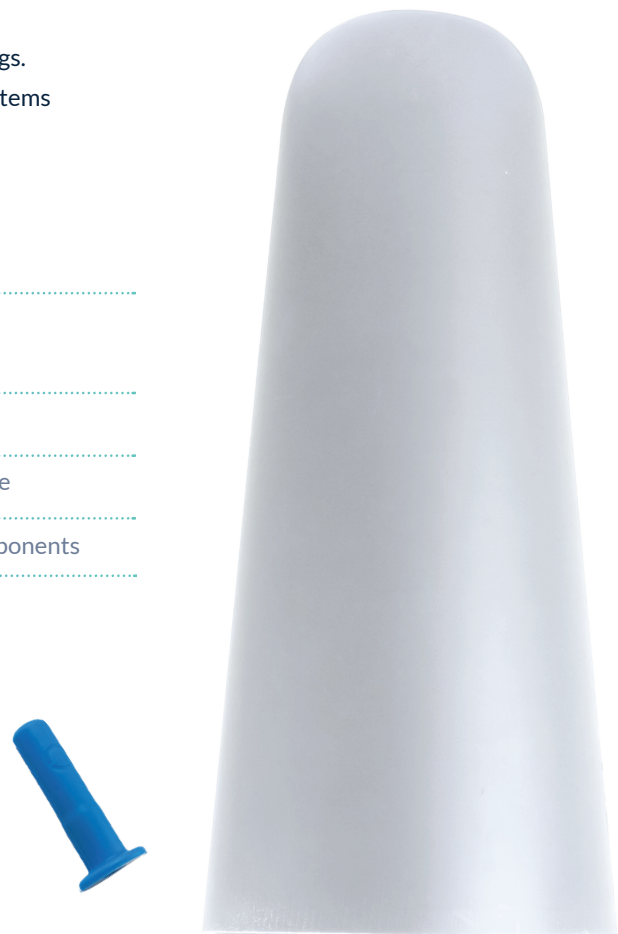
Trust Socket

Affordable comfort and flexibility

An affordable, remoldable check socket for fast, comfortable fittings.
Offers full adapter flexibility and supports multiple suspension systems for a personalized fit.

Specifications

Amputation Level	Transtibial (TT) / Below-Knee
Socket Style	Total-Surface-Bearing (TSB) Patellar Tendon Bearing (PTB)
Suspension System	Prosthetist choice
Materials	Low-temperature thermoplastic cone
Remolds	5 times - before attaching extra components
Standards	    



Trust Socket

Trust Socket	White
REF Number	TS
Weight Supported	100 kg
Distal Circumference	18-38 cm
Max Residual Limb Length	27 cm
Plastic Color	White

Training

Online Training

In this online course, you will learn all there is to know about preparing, fitting and modifying Amparo Sockets. The course will provide you with the theoretic and practical know-how to fit and use our sockets at your clinic.

On-site Training

We can arrange group or individual training at an facility. With one of your prosthetic users, we can fit a socket depending on the clinical choice and help the first fitting. The mobile clinic will allow us to do it anywhere.

Tutorial Videos

Once you have completed the training you can access many different free tutorial videos online depending on what part of the fitting you want to check again or have questions about.



See our Tutorial
Playlist on YouTube



Product Sets

All tools, accessories, and consumables can be ordered as part of product sets for more convenient and effective ordering.



Amparo Clinic Workshop Kit

REF Number	CWK
Components	OBK Oven Base Kit IC-M Insulation Cap Medium IC-S Insulation Cap Small IC-PE Insulation Cap Pediatric SP4 Set of Spacer Pads BVT Brim Validation Tools TSC Textile Scissors TGL Thermo Gloves PXW Marking Pencil



Amparo Mobile Clinic Tool Set

REF Number	AMTS-03
Components	MOX Mobile Oven VP-20PRO Vacuum Pump - Mobile VAX-03 Vacuum Adaptor Kit SP4 Set of Spacer Pads BVT Brim Validation Tools TSB Tool Storage Bag RWB Workshop Bag PCF Stretch Foil Roll MT-R Molding Textile MSH Leather Shears TSC Textile Scissors TGL Thermo Gloves PXW Marking Pencil

Amparo Tools and Accessories

Amparo Tools were developed in-house and are exclusively available from Amparo and its official distributors.

Accessories were chosen by Amparo as these specific models of common orthopedic work tools work best with the Amparo System.



Stretch Wrap

extra strong & tear-proof, well suited for compression and vacuum suction

REF Number	PCF
Specifications	roll 150m x 10 cm



Molding Textile

ensures even vacuum distribution
does not bond to thermoplastic

REF Number	MT-R
Specifications	ca. 10 m



Thermo Gloves

long shape that protects hands and wrists tight-fitting for good dexterity when shaping sockets

REF Number	TGL
Specifications	one size (size 9) with Para-Aramid, seamless



Set of Spacer Pads

creates extra space in socket for sensitive areas when adjusting

REF Number	SP4
Specifications	16x silicone pads
Dimensions	3 x 7 x 3cm, 7.5 x 8.2 x 3cm, 3.5 x 3.5 x 3cm



Vacuum Adaptor Kit

connects Mobile Vacuum Pump for the Amparo Sockets

REF Number	VAX-03
Specifications	Comes with filter



Pediatric Vacuum Handle

Handle that connects the socket to the vacuum pump for use while fitting a Pediatric Socket

REF Number	PEH
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Vacuum Pump - Mobile

for fittings at the clinic and outside

REF Number	VP-20PRO
Weight	2.2 kg
Size	22 x 14.5 x 15.5 cm
Max. Vacuum	0.8 bar
Flow Rate	20 l/min



Mobile Oven

used for consistent heating of the Amparo Socket using a heat gun

REF Number	MOX
Specifications	Oven Hood, Stand, Silicone Base & Insulation Cap



Oven Base Kit

A kit that complies an oven stand, an oven base and a silicone plug.

REF Number	OBK
Specifications	Stand, Silicone Base



Infrared Thermometer

Infrared thermometer with adjustable emissivity

REF Number	IRT
Specifications	Non-contact Digital Laser Infrared Thermometer



Insulation Cap Medium

Insulates the Resilience Socket (Medium) distal plate during heating

REF Number	IC-M
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Insulation Cap Small

Insulates the Resilience Socket (Small) distal plate during heating

REF Number	IC-S
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Insulation Cap Pediatric

Insulates the Resilience Pediatric Socket distal plate during heating

REF Number	IC-P
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Fabric Scissors

industry standard for textiles and hot thermoplastic

REF Number	TSC
Specifications	Kretzer, 8"/20 cm



Metal Shears

curved blade for soft curves and small radii well suited for creating the socket contour

REF Number	MSH
Specifications	Kretzer, 9,5"/24 cm bent



Marking Pencil

to help define the socket brim line

REF Number	PXW
Specifications	Blue and White Color



Tool Storage Bag

protects and separates tools

REF Number	TSB
Specifications	padded, adjustable partitions, handle
External dimensions	48 x 34.5 x 19.5 cm
Weight	1.35 kg



Mobile Workshop Bag

can hold all the necessary tools for prosthetic fitting treatment

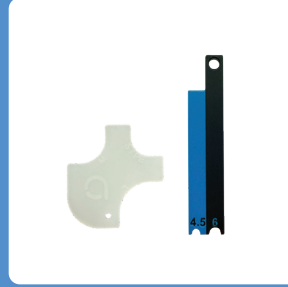
REF Number	RWB
Specifications	2 wheels trolley, 111-120 liters
Dimensions	43 x 36 x 79 cm
Weight	2.8 kg



Icecast Compatibility Adapter

designed to enable Amparo socket compatibility with Icecast

REF Number	ICA
Weight	85g
Dimensions	15 x 21 cm
Compatibility	Resilience Medium and Small sockets



Brim Validation Tool

set for Amparo prosthetic socket finishing quality control

REF Number	BVT
Specifications	includes tools for radii validation, thickness, and ear height measurement.

Motio StepWatch System

Real-world mobility insight

Motio StepWatch combines a wearable sensor with the Motio App to measure how prosthetic users move in daily life outside the clinic. Over a minimum seven-day monitoring period, it captures activity patterns, supports structured reporting, and helps clinicians review mobility trends, cadence variability, peak performance, and rehabilitation progress. The system turns real-world movement into practical clinical insight, supporting better conversations, more informed component decisions, and clearer evidence of function over time for follow-up, documentation, and outcome tracking across care pathways.

Specifications

Weight	20 grams
Step activity storage	27 - 365 days (depends on activity level)
Battery Life	15 days
Battery Charge	Qi wireless charging
Software	Motio App
Communication Method	Bluetooth



ISO 15002:2016 ISO 15005:2016 CE FDA

Motio Stepwatch

Motio Stepwatch

REF Number	SW5
Size	41 x 49 x 13 mm
Resolution of step data	Seconds
Ingress protection	IPX8
Color	White

Majicast Kit

The goal standard for lower limb prosthetic fitting

Majicast is a hydrostatic weight-bearing casting system that captures the precise shape and volume of the residual limb under full load. Using evenly distributed hydrostatic pressure, it creates a truly personalised total surface bearing socket, automatically adjusting to the body weight and residual limb geometry of the prosthesis user. The proprietary soft tissue control mechanism ensures that the socket shape captured by Majicast is optimised for rigorous and comfortable prosthesis use.

Specifications

User	Below-knee amputees (transtibial)
Compatible Material	Amparo Sockets
Max Patient Weight	125 kg
Majicast Weight	Empty - 25kg / Full - 55kg



ISO 13485
13485 PT
13485 PT
CE FDA

Majicast Kit

Majicast™ hydro-static casting system kit for lower-limb prosthetic socket fabrication.
Includes a Majicast™ (MJC), the accessories kit (MJC-ACC), and the casting kit (MCK).

REF Number	MCK-KIT
Size	98cm x 48cm x 47cm
Color	Black



Majicast Accessories

The Majicast Accessories Kit provides the essential accessories required for the operation, maintenance, and preparation of the Majicast system.

REF Number	MJC-ACC
Box Size	30 × 30 × 12 cm
Components	Technical Information MC-A-FLG-4 Filling Hose MC-A-FLG-27 Tap Adapters Variety MC-A-FLG-26 Bleeding Syringe HK-4 Allen Key 4 mm MC-MEM Majicast Membrane



Majicast Casting Kit

The kit includes the components required to support the Majicast fitting procedure for each compatible socket system.

REF Number	MCK
Box Size	30 × 23 × 12 cm
Components	MCS-M Majicast Casting Sleeve Medium ICA-01 Distal Attachment Pin ICA-02A Distal Attachment Tool PAS Patella Spacer MT-R Molding Textile CRG Casting Release Gel



Reference Table

Sockets

RS-M-BC	Resilience Medium Black Carbon
RS-M-DB	Resilience Medium Dark Blue Carbon
RS-M-LB	Resilience Medium Light Blue
RS-M-CA	Resilience Medium Camouflage
RS-PE-BB	Resilience Socket - Pediatric Brave Bird
RS-PE-DM	Resilience Socket - Pediatric Dark Marble

RS-S-BC	Resilience Small Black Carbon
RS-S-DB	Resilience Small Dark Blue Carbon
RS-S-LB	Resilience Small Light Blue
RS-S-CA	Resilience Small Camouflage
TS	Trust Socket

Suspension Units

RVK	Resilience Button Valve Kit
RVK-PE	Resilience Button Valve Kit - Pediatric
EVK-PE	Resilience Elevated Vacuum Kit - Pediatric

PLU-R	Pin-Lock Unit for Resilience Socket
EVK	Resilience Elevated Vacuum Kit
PLU-PE	Pediatric Pin-Lock Unit

Amparo Tools and Accessories

MOX	Mobile Oven
VP-20PRO	Vacuum Pump - Mobile
VAX-03	Vacuum Adaptor Kit
IC-M	Insulation Cap Medium
IC-P	Insulation Cap Pediatric
MJC-KIT	Majicast
MJC-ACC	Majicast Accessories
MCK	Majicast Casting Kit
MSH	Metal Shears
TSC	Fabric Scissors
TGL	Thermo Gloves
BVT	Brim Validation Tool

SP4	Set of Spacer Pads
TSB	Tool Storage Bag
RWB	Mobile Workshop Bag
IC-S	Insulation Cap Small
PEH	Pediatric Vacuum Handle
OBK	Oven Base Kit
IRT	Infrared Thermometer
ICA	Icecast Compatibility Adapter
PCF	Stretch Wrap
MT-R	Molding Textile
PXW	Marking Pencil

Tool Kit

CWK	Amparo Clinic Workshop Kit
AMTS-03	Amparo Mobile Clinic Tool Set

Activity Monitor

SW5	Motio StepWatch System
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amparo

SHAPING THE FUTURE
OF PROSTHETICS.



Declaration of Conformity

Amparo products complies with the requirements of Directive MDR 2017/745. According to the classification of criteria referred to in Annex IX to this Directive, the product is classified in class 1. According to FDA classification criteria, the product is classified in Class 1. The manufacturer declares conformity in accordance with Annex VII in sole responsibility.



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