



amparo
revolutionizing
prosthetics

- www.amparo-prosthetics.com
- hello@amparo.world
- +1 385-249-5196
- +34 680 25 7811
- [in amparoprosthetics](#)
- [@ amparoprosthetics](#)
- [f amparoprosthetic](#)

Innovative
Technology
Revolutionizing
Prosthetics

ISO **ISO** **CE** **FDA** **ic**
ISO 10328:2016 13485:2016



About Amparo

Our goal is to empower amputees by providing innovative prosthetic technology. We offer user-centered products that have been designed to benefit both amputees and technicians. By creating an off-the-shelf prosthetic technology, Amparo allows technicians to provide efficient and mobile prosthetic services with easy to use and high-quality products. Ultimately, we aim to increase the quality of life of amputees and create access to prostheses worldwide.



Book a meeting

<https://calendly.com/priscila-ybj/30min>

📞 +34 680 25 7811

✉️ hello@amparo.world

🌐 www.amparo-prosthetics.com

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	    



REQUIRED MOBILE OVEN ACCESSORIES
IC-M Insulation Cap Medium

Resilience Socket Medium



Resilience Socket	Black Carbon	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	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	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	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	    



REQUIRED MOBILE OVEN ACCESSORIES

IC-P Insulation Cap Pediatric

PEH Pediatric Vacuum Handle

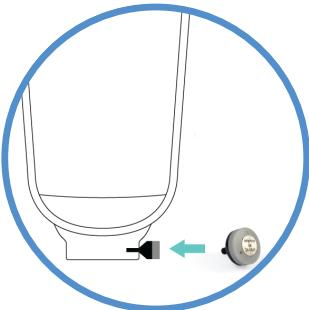
Pediatric Socket



Pediatric Socket	Black Carbon	Dark Marble
REF Number	RS-PE-BC	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	Black	Black
External Color	Black Carbon	Dark Marble

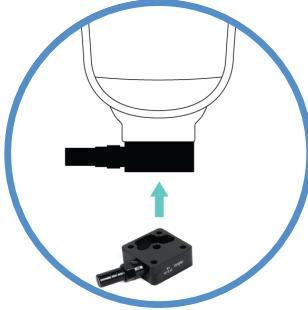
Resilience Socket and Pediatric Socket Suspension Systems

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.



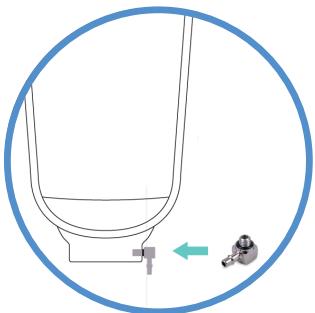
Passive Vacuum System

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.



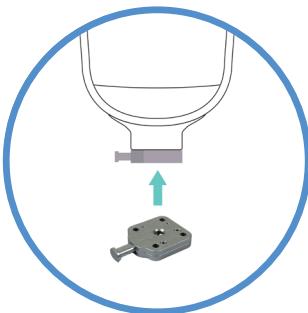
Clutch Pin Lock System

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

Afordable 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 a 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.



Scan QR Code to get to Trainings
<https://amparo-prosthetics.com/trainings>



Product Sets

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



The image shows the components of the Amparo Mobile Clinic Tool Set. It includes a black cylindrical storage bag, a blue circular base with a central rod, a white portable vacuum pump labeled 'amparo VP-20PRO', a black 'amparo' tool storage bag, a roll of white stretch foil, a roll of grey stretch foil, a pair of blue thermal gloves, a pair of black leather shears, a pair of yellow-handled pliers, and two blue marking pencils.

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 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



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 Caps (Confidence and Resilience Medium)



Insulation Cap Medium

Insulates the Resilience Socket (Medium) distal plate during heating

REF Number | IC-M



Insulation Cap Small

Insulates the Resilience Socket (Small) distal plate during heating

REF Number | IC-S



Insulation Cap Pediatric

Insulates the Resilience Pediatric
Socket distal plate during heating

REF Number | IC-P



Insulation Cap Confidence

Insulates the Confidence Socket
distal plate during heating

REF Number | IC-C



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



Fabric Scissors

industry standard for textiles and
hot thermoplastic

REF Number | TSC

Specifications | Kretzer, 8"/20
cm



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



Marking Pencil

to help define the socket brim line

REF Number | PXW

Specifications | Blue and
White Color

Motio Functional Reports

Optimizing prosthetics through real-world data

This wearable device revolutionizes how we understand and support prosthetic activity and prescription. It brings the benefits of digitalized functional outcomes directly to the clinical care. Automatically generated, outcome evaluations based on validated outcome tests (such as the 2 and 6 minute walk test), freeing up valuable appointment time. Easily track prosthetic user progress through a comprehensive history, gaining insights into their evolving capabilities. Based on quantitative data, the device helps better understand patient's functional levels, providing objective guidance for rehabilitation. Plus, it generates reports that helps validating the necessity of prosthetic components for reimbursement, streamlining the process. This wearable device is designed to empower prosthetic users, ensuring they achieve their full potential with confidence and support.

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 ISO CE FDA

Motio Stepwatch	
Motio Stepwatch	
REF Number	ATT0045
Size	41 x 49 x 13 mm
Resolution of step data	Seconds
Ingress protection	IPX8
Color	White

Majicast

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

Compatible Materials	Plaster Amparo's custom thermoplastic
Max User Weight	150kg
Storage Temperature	80° C



Get an exclusive first
look at Majicast!

<https://calendly.com/priscila-yjbj/majicast-intro>
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ISO 10220 PT ISO 13485:2016 CE FDA

Majicast

Majicast

REF Number	MJCT
Size	465 x 465 x 1065 mm
Color	Black

Reference Table

Sockets

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

RS-S-BC	Resilience Small Black Carbon
RS-S-DB	Resilience Small 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

MOX	Mobile Oven
VP-20PRO	Vacuum Pump - Mobile
VAX-03	Vacuum Adaptor Kit
IC-M	Insulation Cap Medium
IC-P	Insulation Cap Pediatric
MJCT	Majicast

SP4	Set of Spacer Pads
TSB	Tool Storage Bag
RWB	Mobile Workshop Bag
IC-S	Insulation Cap Small
PEH	Pediatric Vacuum Handle

Accessories

MSH	Metal Shears
TSC	Fabric Scissors
TGL	Thermo Gloves

Consumables

PCF	Stretch Wrap
MT-R	Molding Textile
PXW	Marking Pencil

Tool Kit

AMTS-03	Amparo Mobile Clinic Tool Set
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Activity Monitor

ATT0045	Motio Functional Reports
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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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