



Connecting Love and Safety
Connecting Care and Health
Reliable and Affordable Smart Care
TeleCare & Aids Catalog

Smart RADs(rehabilitation assistive devices/equipments) are the new product line of JOY since 2019. We started from traditional and typical rehabilitation assistive equipments firstly. To enhance the safety and comfort for users, and reduce the cost of healthcare, we're extending the performance and functions via new and smart technology, developing more smart rehabilitation equipment. In the coming future, the JOY smart rehabilitation equipments will connect with the JOY telecare and healthcare system, they will help our clients deliver more efficient and effective healthcare service, reduce healthcare cost, address direct care shortages and improve the quality of life for elderly people and others in need of care.

Assistive technology enables and promotes inclusion and participation, especially of persons with disability, aging populations, and people with non-communicable diseases. The primary purpose of assistive products is to maintain or improve an individual's functioning and independence, thereby promoting their well-being. They enable people to live healthy, productive, independent and dignified lives, and to participate in education, the labour market and civic life. Rehabilitation equipments help a child, adult or older person to be as independent as possible in everyday activities and enables participation in education, work, recreation and meaningful life roles such as taking care of family.

RAD(rehabilitation assistive devices/equipments) is an important component of universal health coverage and a key step towards universal health. Providing smarter, more comfortable and safer rehabilitation equipments is one of our missions.



Hearing Care & Aids

RA-HA101B

Hearing Aids



Marketing Status: Mass Production

Selling points

- The new 16-channel digital machine, intelligent noise reduction.
- Support magnetic charging.
- Technology: Behind-the-ear air duct to assist hearing
- Comfort: medical TPE soft silicone ear cap, and the humanized curve design of the ear hook
- Battery life: 40–55 hours, charging 2–3 hours. (Single machine last time: 20 hours. Charging case using times: 3 times)

Features:

- Maximum output sound pressure: $\leq 125\text{dB} + 3\text{dB}$
- Output sound pressure level (high frequency average): 103 ± 4
- Full range sound gain (high frequency average): 45 ± 5
- Frequency response range: 300Hz–5500Hz
- Equivalent input noise level: $\leq 25\text{dB}$
- Total harmonic distortion: $\leq 10\%$

Product gross weight: 185g

Packing size: 12.5*9*4cm

RA-HA102

Hearing Aids



Marketing Status: Mass Production

Selling points

- The new 16-channel digital machine, intelligent noise reduction.
- Support magnetic charging.
- Technology: Behind-the-ear air duct to assist hearing
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- Output sound pressure level (high frequency average): 103 ± 4
- Full range sound gain (high frequency average): 45 ± 5
- Frequency response range: 300Hz–5500Hz
- Equivalent input noise level: $\leq 25\text{dB}$
- Total harmonic distortion: $\leq 10\%$

Product gross weight: 270g

Packing size: 13*9.6*7.8cm

RA-HA103

Hearing Aids



Marketing Status: Mass Production

Selling points:

- Optional colors: black, skin tone, blue
- Comfort: The ear hook fits the ear shapes of different sizes, with soft sound wire.
- Small and convenient, suits for each ear.
- Rotation: 360 degrees
- With rechargeable polymer lithium battery.
- Package: single-machine or dual-machine (the stand-alone machine is in-line charging)
- Imported chips, no professional debugging is required before wearing.
- Multiple noise reduction modes can be adjusted according to the environment.
- sweatproof and anti-fall, durable, stepless volume adjustment.
- Magnetic charging, charging for 2–3 hours, using for 30 hours

Features:

- Main battery capacity: 45 mAh
- Power Bank Battery Capacity: None
- Maximum saturation OSPL90(db): $\leq 129 \pm 3\text{dB}$
- High-frequency average OSPL90(db): $120 \pm 4\text{dB}$
- Full range sound gain (high frequency average): $38 \pm 5\text{dB}$
- Frequency response range: not narrower than 500Hz–3500Hz
- Total harmonic distortion: $\leq 8\%$
- Equivalent input noise level: $\leq 32\text{dB}$

Product gross weight: 160g

Packing size: 12.5*9.5*4cm

Hearing Care & Aids



RA-HA201

Hearing Aids

Marketing Status: Mass Production

Selling points:

- Appearance: looks like Bluetooth headphones, fashionable .
- Intelligent touch control adjustment, sensitive touch.
- Using imported chips, the sound quality is clearer.
- Magnetic function charging, supports fast charging.
- With 300mAh charging case, can charge 4–5 times.
- Automatically turn on the system after taking out from the charging case for 10 seconds to prevent wearing howling.

Features:

- Maximum saturation sound pressure level: $\leq 118 \pm 3\text{dB}$
- Output sound pressure level (high frequency average): $103 \pm 4\text{dB}$
- Full range sound gain (high frequency average) $30 \pm 5\text{dB}$
- Frequency response range: not narrower than 350Hz~4500Hz
- Total harmonic distortion: the actual measured value should not exceed 10% maximum
- Equivalent input noise level: The actual measurement should
- Product gross weight: 160g
- Packing size: 12.5*9.5*4cm



RA-HA202

Hearing Aids

Marketing Status: Mass Production

Selling points:

- Appearance: newest and fashionable, and can use them in both ears.
- Simple operation. Ready-to-use. Easy to carry.
- Small mobile charging case, large capacity storage.
- Single hearing aid using time: 36 hours.
- Case charging times: 4–5 times.
- Comfort: Breathing earbuds, double-layer silicone material.
- Charging case design: automatically detect and replenish the power.
- Charging plug: Type-C
- Knob sound adjustment, suitable for different hearing loss people

Features:

- Maximum saturation sound pressure level: $\leq 112\text{dB}+3\text{dB}$
- High frequency average OSPL90: $108\text{dB}+4\text{dB}$
- Full range sound gain: 26dB soil 4dB
- Frequency response range: not narrower than 200Hz ~ 5000Hz
- Total harmonic distortion @500Hz: $\leq 1\%$
- Total harmonic distortion @800Hz: $\leq 1\%$
- Total harmonic distortion @1600Hz: $\leq 1\%$
- Equivalent input noise level: $\leq 28\text{dB}+3\text{dB}$
- Rated supply current consumption: $\leq 2\text{mA}$
- Product gross weight: 160g
- Packing size: 12.5*9.5*4cm

Bedside Care & Safety Protection Aids



RA-BR101

Three Dimensional Flat Tube Bed Support

Marketing Status: Mass Production

Features:

- Material: Carbon iron pipe
- Armrest: PU sponge
- Color: White & Black
- Maximum Load: 136kg
- steel pipe thickness: 1mm
- 3 gears height adjustable
- Anti-punch & easy installation
- Non-slip armrest Anti-slip & Anti-fall

Net weight: 2.2KG
Gross weight: 2.7KG
Size: 55*51*49cm



RA-BR102

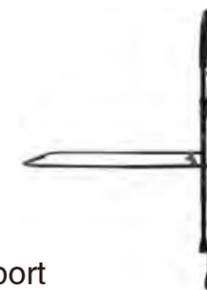
Foldable Beside Armrest

Marketing Status: Mass Production

Features:

- Material: Carbon steel
- Color: White & Black
- Techonology: Powder spraying
- Bottom pipe: 1.5cm
- Maximum Load: 136KG
- Steel pipe thickness: 1.2mm
- Pipe Diameter: 2.5cm
- Packing: 1prs/ctn

Net weight: 4KG
Gross weight: 4KG
Size: 58*70 (57-63cm)



RA-BR103

Bed Assist Rails Floor Support

Marketing Status: Mass Production

Features:

- Material: Aluminum alloy
- Color: Yellow & Black
- Technology: Powder spraying
- Bottom pipe: 1.5cm
- Maximum Load: 136KG
- Steel pipe thickness: 1.2mm
- Pipe Diameter: 2.5cm
- 3 gears height adjustable

Net weight: 2.6KG
Gross weight: 3.5KG
Size: 70*96 (81-110.5) cm



RA-BR104

Three-gear Wood Grain Foldable Handrail Fence

Marketing Status: Mass Production

Features:

- Material: Aluminum alloy
- Length: 73cm
- Column spacing: 28cm
- Length after folding: 103cm
- Height after folding: 15cm
- Guardrail height: 40cm



RA-BR105

Five-gear Wood Grain Foldable Handrail Fence

Marketing Status: Mass Production

Features:

- Material: Aluminum alloy
- Length: 115cm
- Column spacing: 25cm
- Length after folding: 147cm
- Height after folding: 15cm
- Guardrail height: 40cm

Toileting Care & Safety Protection Aids



RA-TA101

Straight Tube Ordinary Toilet Armrest

Marketing Status: Mass Production

Features:

- Main materials: Carbon steel pipe
- Special design:
- Black non-slip armrest feels comfortable non-slip waterproof easy to clean.
- Marbles adjustment for 6 fear height(68-80.5cm)
- Integral robot welding, screw-free installation
- Imported new environmentally friendly TPR non-slip foot pad
- Guardrail height: 40cm



RA-TA102

Straight Tube Sucker Toilet Armrest

Marketing Status: Mass Production

Features:

- Main materials: Carbon steel pipe
- Black non-slip armrest feels comfortable non-slip waterproof easy to clean.
- Marbles adjustment for 6 fear height(68-80.5cm)
- Integral robot welding, screw-free installation
- Imported new environmentally friendly TPR non-slip foot pad
- Suction cup to absorb in gas-proof surface
- Guardrail height: 40cm



RA-TA103

Straight Tube Sucker Toilet Armrest

Marketing Status: Mass Production

Features:

- Main materials: Carbon steel pipe
- Black non-slip armrest feels comfortable non-slip waterproof easy to clean.
- Marbles adjustment for 6 fear height(68-80.5cm)
- Integral robot welding, screw-free installation
- Imported new environmentally friendly TPR extra-large suction cup foot pad
- Suction cup to absorb in gas-proof surface
- 2 times suction rubber sucker fixture close to toilet



RA-TA104

Classical Toilet Armrest

Marketing Status: Mass Production

Features:

- Main materials: Carbon steel pipe
- Black non-slip armrest feels comfortable non-slip waterproof easy to clean.
- 4-speed height adjustment height range 65-77cm
- Marbles adjustment width range 59-68cm
- Integral robot welding, screw-free installation
- Imported new environmentally friendly TPR extra-large suction cup foot pad
- 2 times suction rubber sucker fixture close to toilet



RA-TA105

Aluminum Alloy Toilet Auxiliary Frame

Marketing Status: Mass Production

Features:

- Main materials: Aluminum alloy, Rubble suction cup
- Black PU armrest
- Marbles adjustment for 6 fear height(65-77cm)
- Marbles adjustment width(58-64cm)
- Anti-punch & easy installation
- Prevent rollover single armrest from shaking
- Suitable for all kinds of toilets
- 2 times suction rubber sucker fixture close to toilet
- Imported new environmentally friendly TPR extra-large suction cup foot pad

Washroom and Corridors Care & Safety Protection Aids

RA-WA101

Straight Handrails

Marketing Status: Mass Production

- Wall mounting type
- Material: ABS or Nylon + Stainless Steel
- Specification: L30/40/50/60cm
- Outside Diameter: 35mm



RA-WA102

L-Shaped Handrails

Marketing Status: Mass Production

- Wall mounting type
- Material: ABS or Nylon + Stainless Steel
- Specification: L54*H76 cm
- Outside Diameter: 35mm



RA-WA103

Integrated Shower Grab Rail

Marketing Status: Mass Production

- Wall mounting type
- Material: ABS or Nylon +Stainless Steel
- Specification: L90*100CM
- Outside Diameter: 35mm



RA-WA104

Three-point Wall-fixed and Ground-fixed Handrails

Marketing Status: Mass Production

- Wall mounting type
- Material: ABS or Nylon + Stainless Steel
- Specification: L60*H75CM / L66*W60*H101CM
- Outside Diameter: 35mm



RA-WA105

Washstand Handrails

Marketing Status: Mass Production

- Wall mounting type
- Material: ABS or Nylon + Stainless Steel
- Specification: L60*W60*H90CM
- Outside Diameter: 35mm



RA-WA106

Corridors Handrails

Marketing Status: Mass Production

- Wall mounting type
- Material: ABS or Nylon + Stainless Steel
- Specification: Customized
- Outside Diameter: 35mm



Bathing Care & Safety Protection Aids



RA-BS101

Bath Stool

Marketing Status: Mass Production

Features:

- Main material: 1.2mm aluminum alloy pipe
- Seat height adjustment: 34–50cm (seat width 42cm, seat depth 30.5cm)
- Holistic Height: 67–82cm, height adjustable for 7 gear
- Thickness of pearl cotton pad: 5mm
- Foot spacing: 37.5 * 36.5cm (lowest position)
39.5 * 38cm (highest position)
- Gross weight: 3.2KG
- Maximum bearing weight: 136kg



RA-BS102

Bath Stool

Marketing Status: Mass Production

Features:

- Main material: 1.2mm aluminum alloy pipe, height adjustable for 3 gears
- Seat height adjustment: 43–47cm (seat width 42cm, seat depth 30.5cm)
- Thickness of pearl cotton pad: 5mm
- Foot spacing: 38.5 * 44.5cm (lowest position)
38.5 * 52cm (highest position)
- Gross weight: 3.62KG
- Maximum bearing capacity: 136kg



BS303

Bath Stool

Marketing Status: Mass Production

Features:

- Foam soft cushion: washable cold proof foam cushion
- Material: aluminum alloy, height adjustable for 7 gears
- Holistic Height: 42–58
- Seat width: 51cm
- Product size: 49*43*42cm
- Gross weight: 2.58kg



RA-BS104

Bath Stool

Marketing Status: Mass Production

Features:

- Foam soft cushion: washable cold proof foam cushion
- Material: aluminum alloy, height adjustable for 7 gears
- Holistic Height: 42–58
- Seat width: 51cm
- Product size: 49*43*42cm
- Gross weight: 2.58kg



RA-BS105

Bath Stool

Marketing Status: Mass Production

Features:

- Main materials: aluminum alloy main frames, stainless steel 304 accessories, TPR non-slip mat
- Pearl cotton soft cushion (optional color: blue or green), HDPE white seat board
- The seat board comes with drainage holes, no water accumulation, and the armrests on both sides can be folded and placed
- Holistic: 77–85.5cm(height), 50.5cm(width), 43cm(depth);
- Sitting height: 36.5–44.5cm
- Armrest height: 67.5–76cm
- Seat size: 41*30cm
- Gross weight: 6.34kg
- Maximum bearing capacity: 136kg



RA-BS106

Bath Stool

Marketing Status: Mass Production

Features:

- U-shaped Backrest fixed bath stool
- Main material: aluminum alloy tube, height adjustable for 6 gears
- Seat height adjustment: 71–89cm
- Product size: 49*49*71cm
- Gross weight: 3.0KG
- Maximum bearing capacity: 100kg

Connecting Love and Safety Connecting Care and Health

Your loved ones can live in their own home independently, secure, you and your loved ones can all live a worry-free life



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Save Life, Joy Living