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**Product Name :**

Wheelchair, postural support

**Product Code :**

LBNY-0024-2200013



[www.laboratoryinstrumentindia.com](http://www.laboratoryinstrumentindia.com)

**Description :**

Wheelchair, manual with postural support (variable position wheelchair)

**POSTURAL SUPPORT:** For CHILD and ADULT users with intermediate or advanced posture support needs who require integrated postural support devices with variable tilt and recline, or larger range of tilt/recline than available on manual wheelchairs. Relationship of seat, back-, arm- and foot support dimensions anatomically appropriate for size of wheelchair.

**FUNCTION AND ENVIRONMENT:** Either with large rear or small rear wheels. Primarily for assistant-controlled mobility, but large rear wheels will allow for self-propelling. For use in indoor and outdoor urban, peri-urban and rural settings.

SUPPLIED WITH CUSHION.

**Technical Specification :**

Product general features

CHILD sizes: Folding frame

ADULT sizes: Rigid frame

4 wheels

Seat unit:

CHILD sizes: Base frame with integrated seat and backrest

ADULT sizes: Base frame with separate removable seat and backrest

Self-propelling and assistant-controlled OR assistant-propelled depending on model selected

Push handles, non-slip, ergonomic grip

Wheelbase and overall length:

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Wheelbase similar to/longer than transport wheelchair with large rear wheels  
Overall length similar to/longer than transport wheelchair with large rear wheels

**Tilt:**

Adjustable range: at least 0-20 degrees  
Quick-release adjustment

**Recline:**

Seat-to-back support angle adjustable: at least 90-105 degrees  
Quick-release adjustment

**Size and dimensions:**

Depending on model selected, either:

**CHILD**

1 size: 200-350 x 287.5-360 mm x 300-500 mm

**OR**

1 size: 190-365 x 317-450 mm x 290-560 mm

- Width adjustment through lateral support adjustment
- Seat depth adjustment through seat panel adjustment
- Backrest height adjustment through backrest panel adjustment

**ADULT**

2 sizes:

360 x 360-470 x 545-655 mm

400 x 360-470 x 545-655 mm

- Width adjustment through lateral support adjustment
- Seat depth adjustment through seat panel adjustment
- Backrest height options

**Trunk and pelvis side supports**

Separate rigid padded trunk and pelvis side supports  
Independently height and width adjustable

**Head support**

Attach to back of back support

Adjustability: backward and forwards (horizontal), height (vertical) and angle

Able to support the head behind/in-line/in front of the back support.

Can be mounted off-centre

Shaped to support weight of head and sides of head

**Seat**

Seat: rigid

Seat angle with chair in neutral position: 0 degrees

**Back support**

Back support: rigid adjustable

Separate removable back support padding and cover allow for/accommodate modifications to optimise pelvis and trunk support

**Seat cushion**

Removable cushion and can be separately replaced

Firm, non-deforming, pre-contoured base

Can accommodate 25-35 mm of offloading or immersion once seat-bone well customised

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Can be adjusted/modified to optimise posture support for:

- height, depth and width of seat-bone well/shelf;
- thigh support;
- and postural deviations of pelvis, hips and thighs

Seat cushion cover

Removable cover

Cover allows contouring with customizing of cushion

Moisture-resistant breathable cover

Knee support

CHILD: Adjustable and removable knee separator pad

ADULT: No knee support

Cushion user weight capacity

User weight capacity: CHILD: minimum 75 kg

User weight capacity: ADULT: 136 kg

Cushion weight

Weight of cushion with cover: maximum 1.3 kg

Foot supports:

Seat to lower leg support angle: between 90-130 degrees depending on model selected

Two individual flip-up, swing-away foot supports OR flip up footrests depending on model selected

Height adjustable: CHILD: at least 240-315 mm; ADULT: 370-505 mm

Tray table

CHILD:

Supplied with tray table that extends around the sides of the body to the front of wheelchair back posts and is wide enough to support elbows and forearms with upper arms in neutral alignment next to body

ADULT:

No tray

Arm supports:

Arm supports: Removable or fixed depending on model selected

Arm support pad: at least 44% of seat depth

Arm support design to protect clothing and cushion from rear wheels, dust, mud, etc.

Height adjustable: at least 130-250 mm

Pelvis strap

Two-piece, length adjustable, padded over thigh area

Fastener: user-friendly, quick-release, buckle type system

Washable

Ankle / foot strap

CHILD:

Foot strap with toe and heel strap / ankle straps and cuffs depending on model selected

User-friendly, quick-release, buckle type system

ADULT:

None

Front castors:

Two front castors: diameter x width: at least 150 x 28 mm

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Puncture-proof: polyurethane / rubber / polyurethane

Rear wheels and parking brakes:

Two rear wheels: diameter x width: 558 x 35 mm / 305 x 50mm

Puncture-proof polyurethane rear tyres

Rear wheels parking brakes, frame mounted, push-pull/ foot activated push to lock /

Wheelchair weight:

Total weight:

CHILD: maximum 20 kg

ADULT: 35 kg.



**Laboratory Instrument India**