

MINUET 2

IEC 60601-2-52:2010 Medical Beds Standard

ARJOHUNTLEIGH

GETINGE GROUP



How does this affect me?

From the 1st April 2013 all medical beds purchased must be IEC60601-2-52 compliant. Manufacturers should supply you with certification of this compliance. The regulations take into account several safety elements including application environment, product life cycle, dimensions to reduce the risk of entrapment, lateral stability and side rail height. Ensuring your product of choice complies with these regulations gives you peace of mind and reassured level of safety.

What are the major changes?

- clearly defined application environments around the bed frame/safety sides
- changes to the gaps and clearances around the bedframe/safety sides
- the fit of the mattress to the bed frame
- clarity in the definitions of safe working load (SWL) & maximum patient weight (MPW)
- greater emphasis on the risk management/assessment for the whole product life cycle



Model 160A – No Tilt

Available to BOTH Long Term Care (3) & Homecare environments (4)

Model 161A – Tilt

Available ONLY to Long Term Care environments (3)

Clearly defined application environments

The suitability of the bed for any of the Application Environments forms part of the Manufacturers Risk Management Process, and will be specified in the Product Technical File/Instructions for Use



Lockout Handset

Lockout handsets are now STANDARD. Non lockout handsets have been discontinued and are no longer available

...with people in mind

Areas of focus

Minuet 2 has been independently tested by the globally renowned organisation UL, to certify that it is compliant with the latest stability, dimensional and safety requirements of the IEC60601-2-52 Standard.



Head Entrapment

If a gap is wider than 12cm it presents a risk of the head passing through and subsequently becoming entrapped. This risk is present in any clearances or side gaps between the side rails and the headboard. The side rails also must be strong enough not to deflect beyond 12cm.



Falling over the side rail

There should be a minimum measurement of 22cm between top of a basic foam mattress and side rail for at least 50% of its length, thus reducing risk of patient falls.



Neck Entrapment

A gap of 6cm or more in the side rail area can present a risk of soft tissue in the neck area becoming entrapped, which in extreme circumstances can result in the patient being asphyxiated.

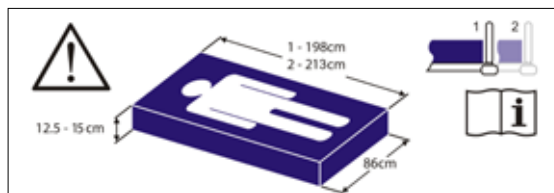
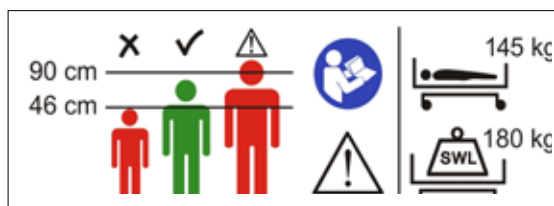


Chest Entrapment

Clearances narrower than 31.8cm either between the side rails and the footboard or in-between the side rails themselves can present a risk of patient chest entrapment.

Clear safety labelling:

These additional stickers add valuable patient safety advice on recommended mattress dimensions, patient height & weight and lastly that you add the correct safety sides.



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