

## KID-Dee-Lite™ is the smallest ankle joint available with 40° plantar-dorsi adjustment

The Kid-Dee-Lite™ enables a dynamic treatment of a child's foot. The ankle joint is small and light enough to fit the ankle foot orthosis for young children less than 5 years of age or below 25 kg of weight.



### The Benefits for Your Patient

The ultra small Kid-Dee-Lite™ allows **early** dynamic ankle/foot management for the child with neuromuscular disorders, such as associated with cerebral palsy and spina bifida:

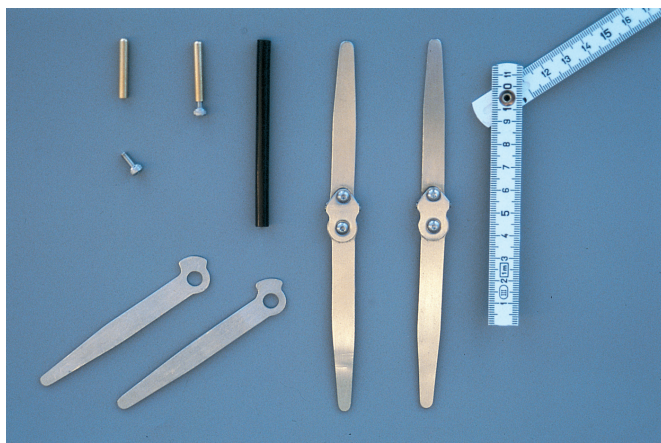
- Maintain critical correction
- Improve gait
- Influence muscle tone
- Prevent contractures

### The Features

- Range of Motion Control: Plantar and dorsal adjustment of 40°.
- Lightweight: The Kid-Dee-Lite™ ankle joint weighs only 20gr. (0.7 ounces) when used in a thermoplastic or laminated orthosis.
- A curved upright (blank) is included to be used when the orthosis requires thermoplastic changes above the joints for tibia control.
- The tapered hinge can be turned to position the shorter upright up or down to accommodate orthosis requirements.
- Kit includes alignment tube, curved (blank) and straight uprights, assembled joints and mounting components.

## KID-Dee-Lite™

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An articulated Ankle Foot Orthosis (AFO) provides range of motion adjustment to mobilize the foot into more natural, yet controlled, biomechanical function. This way of dynamic conservative treatment is reported to be more effective for the spastic Cerebral Palsy patient. In this treatment there is also noticed a stretching of the Achilles tendon and a decrease in muscle tone of the Triceps-Surae muscle. As a result spasm control may be improved.

To control the ankle movements there must also be control of the plantar- and dorsal flexion. This versatile joint can be adjusted for plantar- and dorsal flexion over a range of motion of 40° and will withstand a force of 16Nmtr. The combined medial and lateral joint will take a force of 32Nmtr. which is more than adequate for the small children mentioned.

## Limitations

Age exceeds 5 years      Height exceed 1,20m (4ft.)  
Weight exceeds 25kg (55 lb.)      Forces exceed 16Nmtr  
Not for use in KAFO's

