


DORO® QR3 XTOM CRANIAL STABILIZATION SYSTEM





"Intraoperative portable-head CT leads to change in operative plans in 32% of selected cases. This potentially avoids return to the operating room and can diagnose or rule out remote lesions in need of additional intervention. The portable configuration allows for increased versatility and cost-effectiveness compared to fixed systems."

Carlson, Andrew P, Jeremy Phelps, and Howard Yonas.
"Alterations in Surgical Plan Based on Intraoperative Portable Head Computed Tomography Imaging."
Journal of Neuroimaging : Official Journal of the American Society of Neuroimaging 22, no. 4 (October 2012):
324-28.



Please find further information on the product's web page.

UNIQUE FEATURES FOR UNIQUE REQUIREMENTS



ADJUSTABLE CLAMPING FORCE LIMIT

Pin pressure is set by means of a torque screw driver which will not exert more than the chosen torque once the desired pin pressure is reached.



DOUBLE SAFETY

The DORO® XTOM U-Belt is an additional safety feature. It works like a safety net and will prevent major injuries in case of head slippage, no matter the patient's head position.



OPTIMAL PATIENT PLACEMENT

Angulation of the Extension Arms can be adjusted to always have them parallel to the floor. This ensures an optimal patient placement within the CT scanner gantry.

DORO® QR3 XTom

Cranial Stabilization System

Item no. 4002.100

A SMALL GANTRY SOLUTION

Extension Arms ensure that the patient's head fits into gantries of 32 cm / 12 inch and larger.

**HIGH-END
IMAGING**
DORO LUCENT® Disposable Skull Pins reduce imaging artifacts to a minimum.

PRECISE NAVIGATION

Navigation tracking device adaptors can easily be attached in close proximity to the surgical field.

EASY, SAFE & STABLE INTERFACE

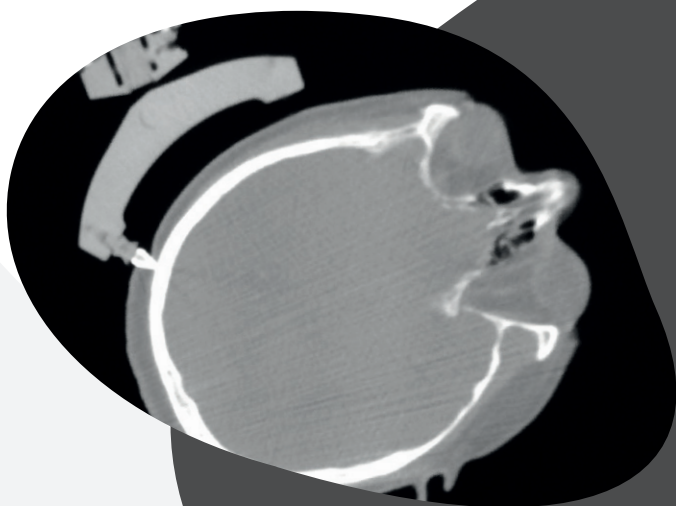
Attach DORO LUNA®, DORO COBRA® or Quick-Clamp products to the form-fitting Quick-Rail® interface.

COMPATIBLE

The DORO® QR3 XTom Cranial Stabilization System is directly mountable to all standard OR tables with side rails.

HIGH-END IMAGING

DORO LUCENT® Disposable Skull Pins are perfectly complementing the advanced imaging technology of Samsung Neurologica's 16-slice OmniTom CT Scanner. It is specifically designed for intra-operative imaging applications using CT, MRI, X-Ray and Fluoroscopy and reduces imaging artifacts to a minimum. The composition of a titanium tip and high-performance polymer ensures a precise, secure and rigid fixation of the patient's head. The DORO LUCENT® Disposable Skull Pin offers the perfect balance of imaging quality and pin stability.



WHICH DORO® SYSTEM WORKS FOR YOUR NEUROLOGICAL SCANNER?

The DORO® QR3 XTom Cranial Stabilization System is designed to fit small gantry CTs like Samsung Neurologica's OmniTom or CereTom scanners. For CTs with larger gantries the DORO LUCENT® Headrest System is the Cranial Stabilization System of choice.



INCLUDED COMPONENTS

DORO® QR3 XTom Cranial Stabilization System
Item no. 4002.100

Included Items	Item no.
DORO® QR3 XTom Skull Clamp	4002.001
DORO® XTom U-Belt (3 pcs)	4002.111
DORO® XTom Storage Case	4002.030
DORO® XTom Torque Screwdriver	4002.068
DORO® XTom Base Unit Parkbench	4002-10
DORO LUCENT® Disposable Skull Pins (9 pins)	1106.103



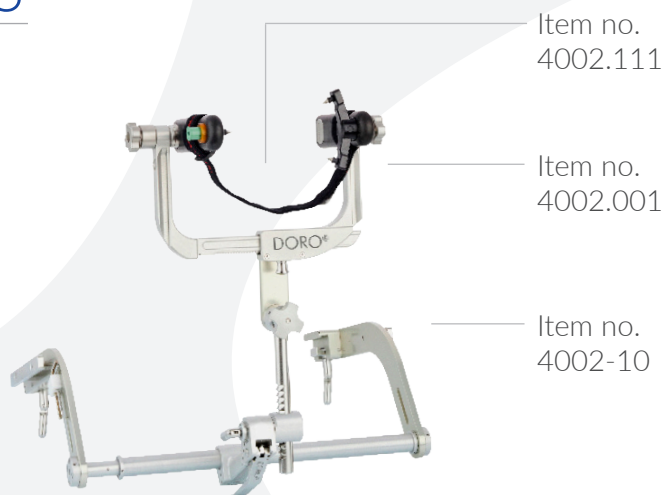
Item no.
4002.068



Item no.
1106.003



Item no.
4002.030



Black Forest Medical GmbH

Headquarters | Bötzingen Straße 86 | 79111 Freiburg, Germany
Phone +49 761 384 222 10 | Email info@blackforestmedical.com

US Subsidiary | 4529 S.E. 16th Place, Suite 101 | Cape Coral, FL 33904
Toll Free 877 225 4086 | Email info.us@blackforestmedical.com

Version 03 © Black Forest Medical GmbH, 07/2025, Freiburg, Germany.

All rights reserved. The information provided was compiled with utmost care. Errors can, however, not be excluded. Errors do not entitle to any legal claims. We reserve the right to modify the products at any time.