

Child-Friendly Decals

To help ensure examinations are performed smoothly, all-in-one radiography systems for clinics and mobile X-ray systems are available in versions decorated with child-friendly decals.



Mobile X-Ray System

Support for Perinatal and Pediatric Medicine

X-ray Imaging Systems for NICU and PICU Applications



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Remarks:

- Every value in this catalogue is a standard value, and it may vary a little from the actual at each site.
- The appearances and specifications are subject to change for reasons of improvement without notice.
- Certain configurations may not be available pending regulatory clearance. Contact your Shimadzu representative for information on specific configurations.
- Before operating this system, you should first thoroughly review the Instruction Manual.



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Shimadzu X-ray Imaging Systems Are Designed with Detailed Attention Given to the Needs of Pediatric Examinations.

Mobile X-Ray Systems



MobileDaRt Evolution

- The compact FPD can be placed inside the incubator for acquiring images. That means the FPD does not need to be repeatedly moved in and out even for multiple numbers of acquisitions.
- Reference images are displayed within 2 seconds after acquisitions, so that they can quickly be used to decide other actions or to immediately repeat acquisitions.
- The highly sensitive FPD results in much lower exposure levels than computed radiography. In addition, the fast acquisition speed at a high 32 kW output level ensures even images of wiggly infants can be obtained without blurring.
- The extra-long arm suitable for NICU imaging covers a large area and can even reach incubators and other high locations.

Angiography Systems



Trinias

- The bi-plane package includes an 8-inch FPD that provides an amply large field of view.
- The C-arm can be adjusted to a variety of positions, either on the side or front, to support any given medical procedure. The table position can be aligned to the given procedure height.
- The advanced functions, such as motion-tolerant DSA and RSM-DSA functions, achieve high quality images at lower exposure levels, even for newborns and infants not able to hold their breath.

R/F Systems



SONIALVISION G4

- Systems are equipped with an FPD, and support pulsed fluoroscopy and even a detachable grid. That achieves both low exposure levels and high image quality.
- Slot radiography, which can quickly and easily acquire long-view images, is perfect for follow-up acquisitions of lateral spinal curvature, which is common in pediatrics.
- The table can be raised up to a 110 cm height for easy access from any direction around the table. That means procedures can be performed in a more comfortable position.



FLEXAVISION F3

- Systems support a detachable grid and pulsed fluoroscopy. These are especially helpful for minimizing exposure levels for pediatric or other applications.
- The bed can be raised up to a 95 cm height, so that procedures can be performed in a more comfortable position.

General Radiography Systems



RADspeed Pro

- The collimator filter mode is changed according to the body area being exposed, which helps reduce any unnecessary exposure levels while also ensuring high image quality.
- Cushioning material on the bottom of the collimator helps ensure patient safety.

Protect the Future Lives of Children

— Shimadzu Supports the Thought —

As demand for more sophisticated and specialized neonatal and pediatric medicine continues to increase in recent years, there is also an urgent need to prepare capabilities for perinatal and pediatric care as well.

Therefore, to support improving and expanding perinatal and pediatric care capabilities,

Shimadzu offers X-ray imaging systems that are ideally suited to examining children.