



# MICRO-X | N E O

A smaller, lighter and quieter hospital X-ray cart, designed for Neonatal and Pediatrics





## Small things make a big difference

Great ideas come from seeing things differently. Even the simplest shift in perspective can lead to developments that change the way we live and work. At Micro-X, we're constantly looking for new ways to create opportunities, improve everyday life and do things better.

Our research on Neonatal and Pediatric imaging has led to the development of the Micro-X Neo. Allowing radiographers to easily maneuver through tight rooms, crowded hallways and around other equipment. It's always ready, and easy to position with minimal effort. That means:

- Less stress and physical strain for radiographers
- Minimal disruption for patients, especially neonates in the NICU
- High-quality imagery for all exams
- Best in class up time, ensuring your imaging system is ready when you need it

## Introducing NEX Technology. The biggest innovation in X-ray imaging.

The Micro-X team has developed the world's first mobile X-ray solution with industry-leading NEX (Nano Electronic X-Ray) technology. This simple, non-glass-based X-ray tube uses world-leading carbon nanotubes to offer full medical performance in a more efficient, yet even smaller and lighter unit.

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## Smaller, lighter and HUSH compliant

The Neonatal Intensive Care Unit (NICU) of a hospital has specialists and medical staff to care for premature and sick newborns. For the patients, families and health professionals, the importance of delivering high-quality, timely and efficient care cannot be understated.

While the medical teams are trained and qualified to care for these newborns, they also rely on having access to dependable specialized equipment to make their jobs easier and more efficient. Traditional mobile X-Ray equipment can be loud, disruptive, hard to position and difficult to move around the tight spaces, none of this is true for the Micro-X NEO.

Purposely developed for neonatal care, the NEO is a smaller, lighter and quieter hospital X-ray cart. With reduced detector sizes that can fit in an incubator, HUSH compliance, feather-touch positioning and a heat shield to protect the X-ray head under radiant heat lamps, the NEO is the perfect mobile X-ray machine for NICUs.



### ✦ Enhanced workflow

Compact enough to easily position between incubators and other NICU equipment. Designed with a heat shield to ensure exams can be done under a heat lamp without harming the system. Allows radiographers to help more patients in their rounds as it's easy to move, position, and has high uptime and reliability.

### ✦ Compact and movable

The smaller footprint of the NEO allows the unit to be kept in the NICU, while the rotatable articulating arm makes it easier to position in tight spaces.

### ✦ Superior reliability

The NEX glass-free technology improves reliability of the X-ray tube. The featherlight drive removes the potential for motor issues, and dedicated batteries (for exposures only) ensures full-day use with a single charge.

### ✦ Quietest on the market

No motors, no sound - NEO ensures babies are not woken or startled in the very quiet environment of an NICU.

**Discover the NEO difference today.  
Visit [www.micro-x.com](http://www.micro-x.com) to learn more**

## NEO usability features for high quality radiography:

### ✖ On-board storage

Allows the user to easily transport and store supplies such as cleaning wipes, gloves and notepads. The storage compartment also allows for storing multiple sized detectors and has a built-in shelf to make bagging the detector a breeze while minimizing the potential to drop the detector.

### ✖ Balanced articulating arm

Lightweight, easy to maneuver with no force required by the operator – stays where it's positioned, with no drifting. Folds away to increase line of sight when transporting, and when undocked has the ability to rotate 270 degrees providing the ultimate in positioning flexibility.

### ✖ Fast charging and long-life batteries

Our lightweight cart, with no motors requires significantly less batteries. Compact lithium phosphate batteries allow faster charging and longer life than traditional lead acid batteries. With up to 8 hours of exposures on a single charge – you don't have to worry about running out of power mid shift.

### ✖ Collimator controls at your fingertips

Maximise the SID and adjust the field of view without the need to lower the head. With finger tip adjustments the user is able to rapidly and precisely set up the desired exam while reducing time over patient.

### ✖ Intuitive user interface

Capacitive touchscreen, integrated barcode and RFID reader provides an easy, quick and secure way to sign in and interact with the system.

### ✖ Faster infection control

The NEO is proven to be faster to clean than larger mobile carts with its smooth curves and easy to wipe surfaces.

### ✖ Wireless communications

Fully integrated wireless connectivity to connect with your existing network.

## The Future of X-ray

At Micro-X, we believe in the power of great ideas. We're constantly looking at things differently so we can find better ways to do what's always been done.

We're an award winning ASX listed hi-tech company, leading a global revolution in medical and security imaging products. Our lighter and smaller x-ray tube has spearheaded our philosophy of innovation and has created the foundations for our new selection of NEX Technology devices.

## Tubes for Life with NEX Technology

**We believe NEX Technology is one of the most reliable x-ray tube technologies on the market, which is why we're offering 'Tubes for Life'.**

After seeing the success of our latest innovations, NEX Technology will now become the platform for all future Micro-X product developments. We are so confident in the power and reliability of this technology that we're offering a Tubes for Life warranty on any x-ray tube installed in any Micro-X mobile x-ray device.

Please note: This offer is subject to the Micro-X Inc Product Warranty Terms and Conditions, which provides assurance that the tube is free from any manufacturer's material and workmanship defects for ten years.

### Imaging technology supplied by:



**Discover the NEO difference today.  
Visit [www.micro-x.com](http://www.micro-x.com) to learn more**

This device is designed to perform X-Ray examinations on paediatric patients, in all patient treatment areas. RX Only.  
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