

next

FROM PHARMA TO NUCLEAR MEDICINE:
THE RADIO-PROTECTION REBORN



THE RADIO-PROTECTION REBORN

NEXT is the groundbreaking combo of a non-shielded isolator with a shielded automatic dispenser: from Pharma to Nuclear Medicine, a fully GMP-compliant aseptic process with a smart shielding solution for a cutting-edge approach to radio-protection.

1] ASEPTIC

The NEXT concept comes from the Pharma world, hence a full GMP compliance and a totally aseptic process are paramount features to the whole system. VHP presets for Class A and Class B chambers grant the most effective decontamination and sterilization. Moreover, comes with a built-in automatic dispensing filter integrity tester.

2] LIGHT & GREEN

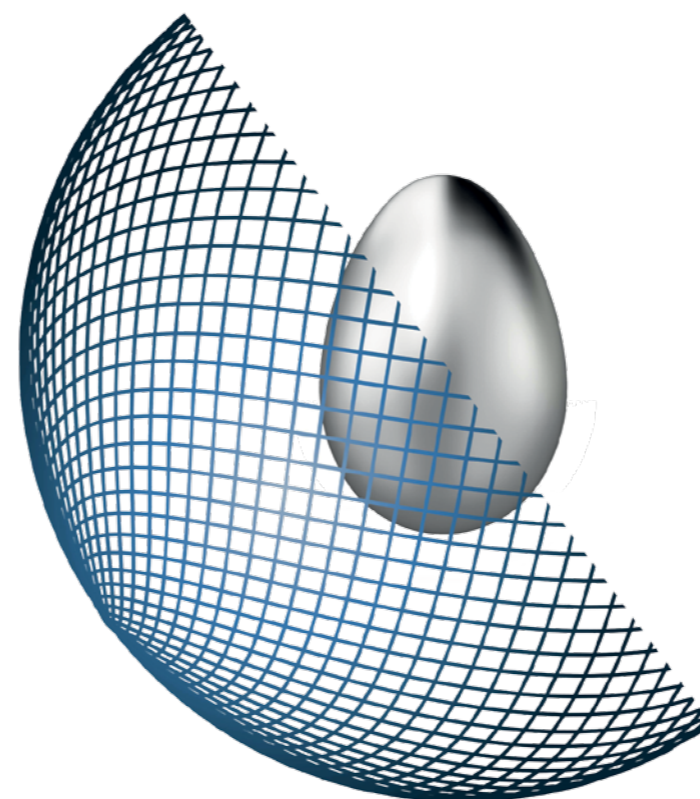
A brand new shielding solution makes NEXT lighter than ever: its lead core grants a higher radio-protection and a lighter environmental footprint. The lightest ever, the easiest to install. No more floor load capacity issues.

3] VERSATILE

With a built-in dispenser for open/closed vials and syringes, NEXT works with the same batch disposable set and provides a non-stop vial and syringe feeding.

4] FAST & AUTOMATIC

The built-in fully automatic dispenser provides a real-time bulk activity concentration calculation. No need to worry about which disposable kit to use and a continuous vial and syringe filling process make everything remarkably fast: the system delivers up to 45 vials/syringes per hour!





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VERSATILE. FAST & AUTOMATIC.**

KEY FEATURES

- Class A main chamber with laminar flow:
vertical, for the whole chamber surface
horizontal, confined to the dispenser shielding area
- Class B pre-chamber with turbulent flow
- Robotic arm with built-in pliers for both vials and syringes
- Built-in dose calibrators
- Dispensing filter integrity testing
- 2 shielded compartments for liquid and solid waste
- Delivery system for vials and syringes
- 1 video camera
- Built-in dose rate meter
- 1 single batch kit with 0,22 µm filter
- Inflatable seals to grant air tightness Class II (ISO 10648:2)
- Software GAMP5 and FDA 21 CFR part. 11 compliant

DISPENSING

- Bulk vial volume: 125 ml
- Bulk vial automatic dilution
- Vials up to 25 ml (10 vials per carousel)
- 5 ml syringes (19 syringes per carousel)
- Continuous vial/syringe filling
- Real time concentration measurements
- Delivery up to 45 vials/syringes per hour
- Dispenses 0.5 to 25 ml with accuracy +/- 2% ml (in volume) in 0.1 ml increments
- Accuracy in activity +/- 5%

WEIGHT AND DIMENSIONS

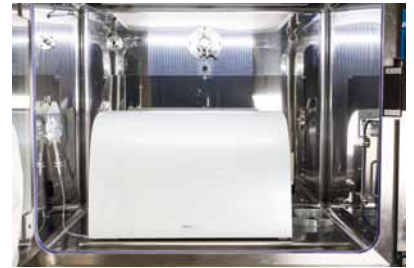
- Total weight: 1980 Kg
- Overall dimensions: 1700 x 1235 h 2480 mm

SHIELDING

- 50 mm Pb along the disposable path
- 80 mm Pb around the bulk

OPTION

- Particle counter
- Microbiology counter
- VHP



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