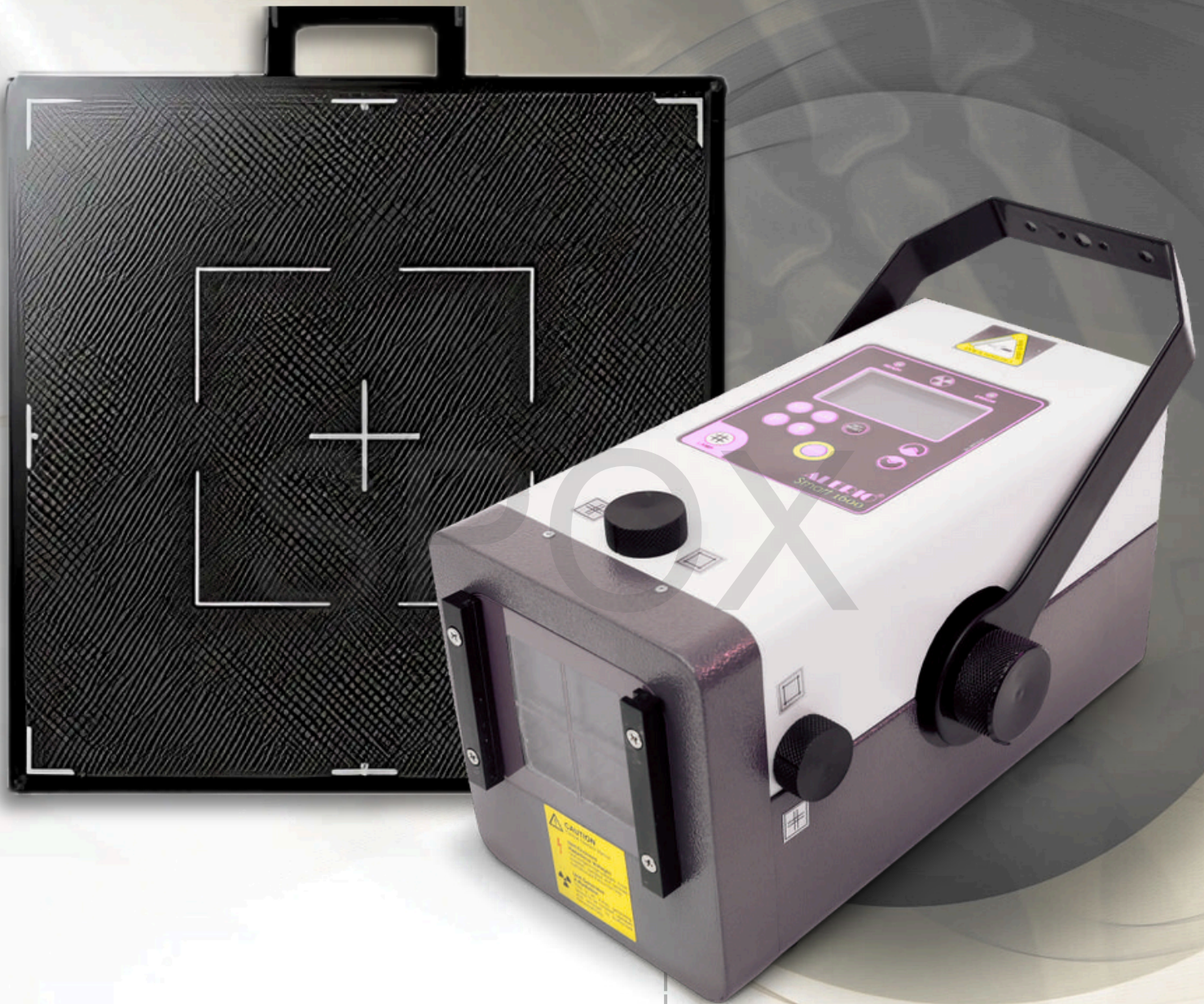


Super 40



The SPOX Super 40 is a compact, high-frequency, battery-powered portable X-ray unit designed for field and clinical imaging. Combined with the **Pixxgen Digital Radiography (DR) Panel**, it forms a powerful, mobile diagnostic solution capable of producing high-quality digital images in seconds – even in remote locations.

This system is ideal for clinics, mobile vans, home visits, emergency rooms, rural camps, and veterinary use.



India's Trusted Battery-Powered
X-Ray Solution

Advanced Features:

Smart Battery System:

Auto shutdown, 2–3 hr fast charging, and full protection from overheat/overcharge.



Laser Collimator:

Dual-laser ensures precise X-ray targeting—even in mobile use.



Wireless DR Sync:

Auto exposure sync with Pixxgen DR—no cables, no setup needed.



15 APR Presets:

Save custom settings for fast, repeatable imaging workflows.



AI Image Enhancement:

Instant noise reduction, clear contrast, and smart body detection.



Smart Control Panel:

Glove-friendly buttons with digital timer and visual indicators.



Plug & Play DR Ready:

Seamless AED/manual sync with all major DR & PACS systems.



Portable & Expandable:

Tripod, case, spare battery, and laptop support available.



Technical Specifications:

SPOX Super 40

- **Power Output:** 1.6 kW
- **Tube Voltage Range:** 40 – 90 kV
- **Tube Current:** 0.1 – 40 mAs
- **Focal Spot Size:** 0.8 mm
- **Input Power:** 24V DC Rechargeable Battery
- **Collimator:** Built-in, with LED lamp
- **Weight:** Approximately 10 kg
- **Dimensions:** 159 x 172 x 310 mm
- **Battery Backup:** Up to 100 exposures per full charge
- **Exposure Control:** Wired remote (3 meters) and wireless remote
- **Safety Certifications:** BIS / AERB / ISO 13485 Certified

Pixxgen Prodent 14x17

- **Sensor:** a-Si TFT array Flat Panel Detector
- **Image Size:** 14 x 17 inch (350mm x 427.25mm)
- **Sensor Pixel:** 2,560 x 3,072 (7.8M pixels)
- **Pixel Size :** 140µm
- **Spatial Resolution:** 3.6 lp/mm
- **Image Data:** 14 bit / 16 bit
- **Data Transfer Time:** Less than 1 sec
- **Capture Cycle Time:** 3-5 sec. approx
- **Weight:** 2.4Kg (5.2 lb), 2.8Kg (6.1 lb, with battery)

The Pixxgen DR panel offers wireless performance with dual-band Wi-Fi, 8-hour battery, and AED-based auto-sync—ensuring fast, cable-free imaging in any setting.

Key Features of the SPOX Super 40 + Pixxgen Combo:

- **Ultra-Portable & Wireless:** Under 10 kg, perfect for field, clinic, or home use.
- **Powerful Output:** 90 kVp / 20 mA (1.6 kW) for clear imaging of animals and humans.
- **Long Battery Life:** 300+ exposures per charge with fast recharge.
- **14x17" Pixxgen DR Panel:** Real-time wireless imaging with AED & Csl tech.
- **AI Image Processing:** Instant noise reduction and detail enhancement.
- **Easy to Use:** 3.5" LED display, digital timer, 15 APR presets.
- **Laser Collimation:** Dual-laser for accurate positioning.
- **Wireless DR Sync:** RF-based seamless integration—no cables needed.
- **Multipurpose:** Ideal for veterinary, emergency, and rural radiology.
- **Durable & Certified:** IEC/EN60601 approved with optional rugged case.



Applications:

- **Emergency Care** – Quick imaging in ambulances, trauma zones, or disasters.
- **Rural Health** – Ideal for mobile vans, camps, and remote locations.
- **Sports & Ortho** – Instant bone and joint scans at sports venues.
- **Home Radiology** – Safe bedside imaging for elderly or critical patients.
- **Field Use** – Reliable in military, camps, and rugged outdoor settings.
- **Veterinary** – For small animals, equine, and exotic species in clinics or on-field.





Package Includes:

SPOX Super 40 Portable X-ray Unit

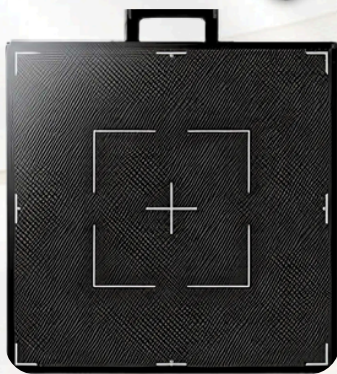
Pixxgen 14x17" Wireless DR Panel

AI-Based Imaging Software Suite

Medical-Grade Laptop with Preloaded Software

Wireless Hand Switch (Remote Exposure Trigger)

Optional: Wheeled Carry Case & Tripod Mount



The SPOX Smart 1600 DR Package is a compact, battery-powered X-ray system combining the Super 40 unit, Pixxgen wireless DR panel, AI-ready imaging software, and a pre-installed laptop—delivering instant image capture and diagnosis anytime, anywhere.

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Certified & Approved by:

