

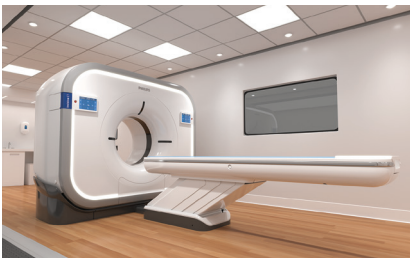
# PHILIPS

## Computed Tomography

### Incisive CT

# Bring CT scanning wherever it's needed

By connecting people, data and technology, Incisive CT helps you meet some of your organization's most pressing challenges. It also supports your initiatives for mobile imaging and screening, with a positive patient experience that is grounded in exam speed, patient-centric workflow, a comfortable space and the calming environment created by Ambient Experience. Enjoy confidence through remote connectivity for high uptime and the ability to easily upgrade as your needs change. Expect intellect at every step, from acquisition through results, and across all fronts: financial, clinical and operational.



Improve access to care by taking Incisive CT mobile. CT Smart Workflow helps you remove common obstacles to CT performance through AI<sup>1</sup> designed to improve dose, speed and image quality.

## Elevates your business

Tube for Life guarantee\* to lower total cost of ownership, Technology Maximizer to boost clinical capability and operational performance over the life of the system, and expansive in-room upgradability

## Delivers intelligence that adapts to you

Do more from the scanner with OnPlan patient-side gantry controls, which help keep you close to the patient, supporting a successful exam

## Brings predictability to an unpredictable world

Remote service with proactive monitoring to maximize system uptime and availability, plus PerformanceBridge for continuous improvement solutions

\*Life of the product is defined by Philips as 10 years. Tube for Life guarantee availability varies by country. Please contact your local Philips sales representative for details.



## Precision every day

This is how the day you've planned becomes the day that happens. Philips CT Smart Workflow includes AI that's deeply embedded into the tools you use every day so that you can apply your expertise to the patient, not the process. Incisive CT meant for mobile use features Precise Image and Precise Cardiac.

### Precise Image

Put the power of a deep learning neural network to work for you for improved confidence and reduced reading time\*

### Precise Cardiac

Can be used prospectively or retrospectively to correct for motion in cardiac images, improving image quality at high heart rates

## Incisive thinking for your most demanding environments



Philips offers the only ruggedized CT approved to meet NATO standards



Headed to the Australian Outback for a chest screening program run on solar power



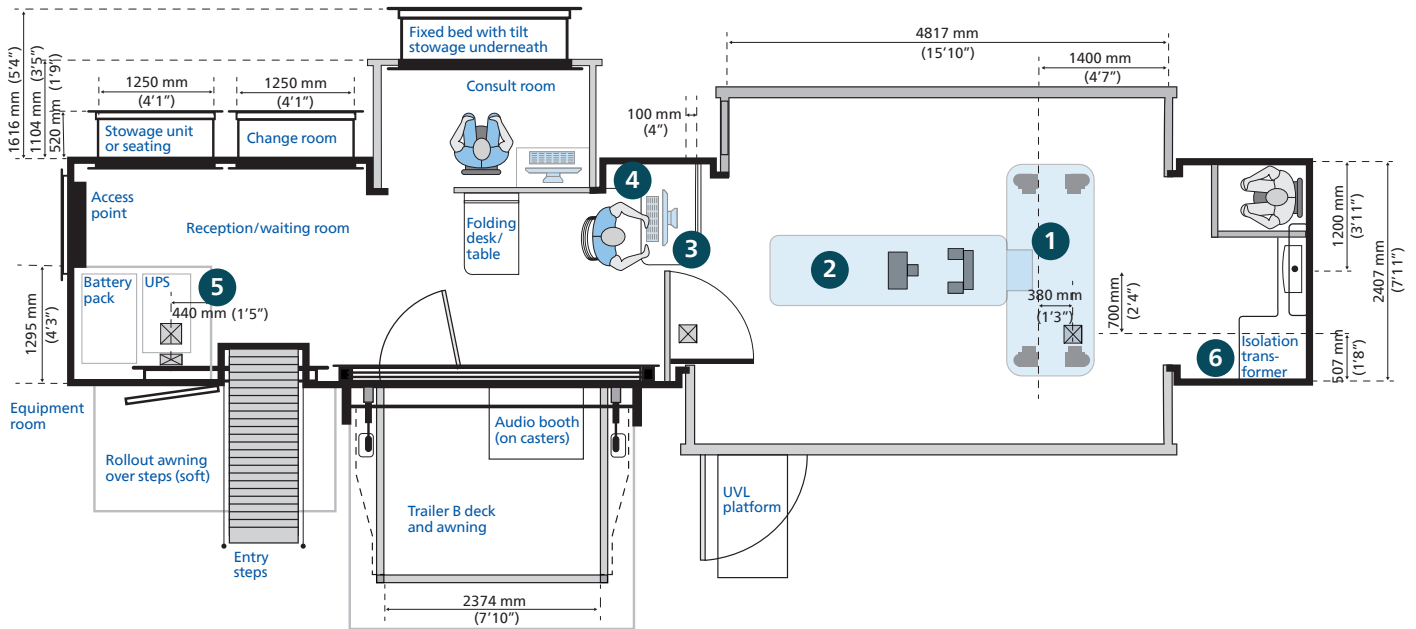
Aboard the Mercy Ship, the world's largest civilian hospital ship

\*In clinical practice, the use of Precise Image may reduce CT patient dose depending on the clinical task, patient size and anatomical location. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. Dose reduction assessments were performed using reference body protocols with 1.0 mm slices at the "Smoother" setting, and tested on the MITA CT IQ Phantom (CCT189, The Phantom Laboratory) assessing the 10 mm pin and compared to filtered-back projection. A range is seen across the 4 pins, using a channelized hotelling observer tool, that includes lower image noise by 85% and improved low-contrast detectability from 0% to 60% at 50% to 80% dose reduction. NPS curve shift is used to evaluate image appearance, as measured on a 20 cm water phantom in the center 50 mm x 50 mm region of interest, with an average shift of 6% or less. Data on file.

# Built for the demands of mobile

The Incisive CT system designed for installation in trailers features a mobile hardening kit.

## Basic configuration for Incisive CT in a mobile trailer



Type	Length	Width	Height	Weight
1 Gantry scanner	2,333 mm	973 mm	1,956 mm	2,036 kg
2 Standard table	2,610 mm	700 mm	906 mm	360 kg
3 Operator console scan control box	334 mm	117 mm	42 mm	1 kg
4 Host computer	555 mm	216 mm	445 mm	3.7 kg
5 Console UPS (optional)	408 mm	430 mm	85 mm	15.8 kg
6 Isolation transformer (optional)	770 mm	592 mm	826 mm	382 kg

### Power requirements

- 200/208/240/380/400/415/440/460/480 VAC
- 50/60 Hz
- 115 kVA supply
- Three-phase distribution source
- Isolation transformer (optional)

### Remote Software Distribution

Remote Software Distribution allows for remote software download to the system from the Philips Remote Service portal and allows the software installation to be performed by Philips Remote Service.

### Console Uninterrupted Power Supply (UPS) (optional)

Provides up to 30 minutes of backup power for host system.

### Environmental requirements

#### Temperature

Gantry room	18 to 24°C (64 to 75°F)
Control room	10 to 30°C (50 to 86°F)
Operating max. gradient	5 °C/hour
Storage temperature	-15° to 45°C (5 to 113°F)
Storage max. gradient	10°C/hour
Transportation	-20°C to +50°C

#### Humidity

Gantry and control room	40% to 70%, non-condensing
Storage	20% to 80%, non-condensing
Transportation	20% to 80%, non-condensing

#### Attitude/air pressure

Operating	70 to 106 kPa
Storage	50 to 106 kPa
Transportation	50 to 106 kPa

## Reference

1. According to the definition of AI from the EU High-Level Expert Group.

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