



12-METER MOBILE CT VEHICLE

CT detection for 160-200 persons/8H

Yutong COVID-19 comprehensive mobility solution

Specimen collection - detection and diagnosis - patient transport and treatment - medical waste disposal - vaccination



Specimen collection



Detection and diagnosis



Patient transport and treatment



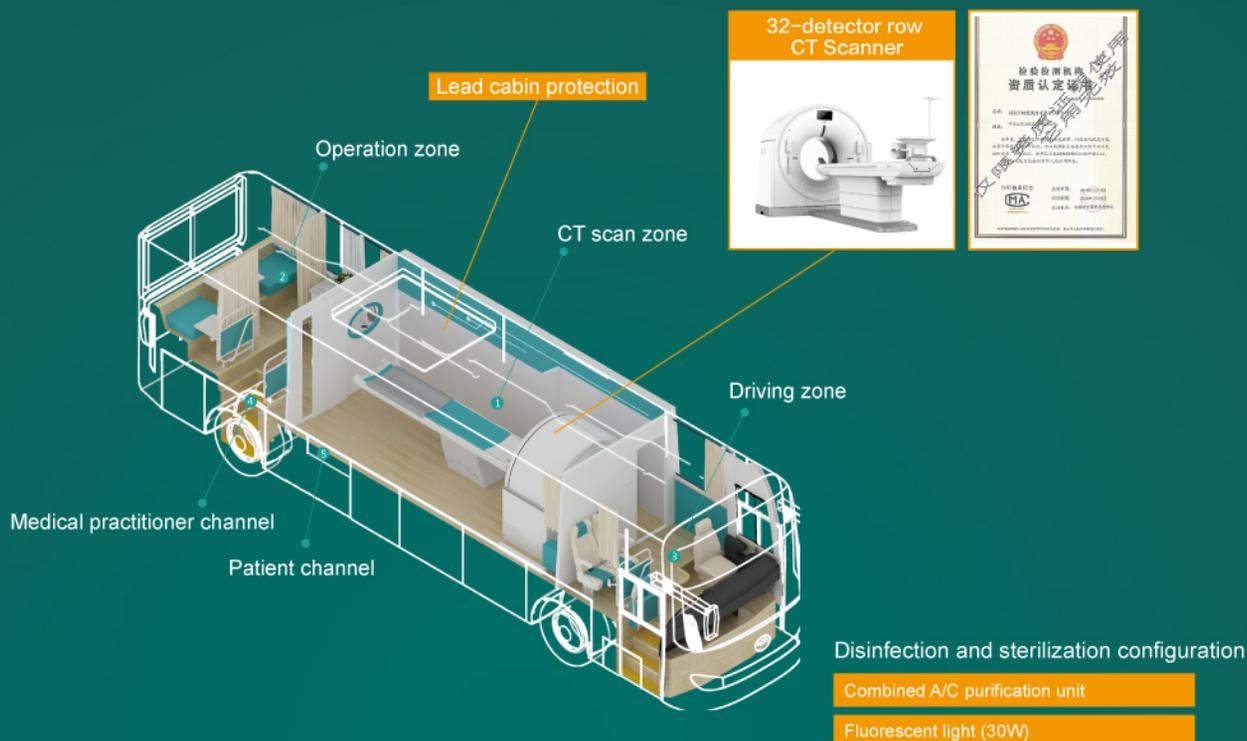
Medical waste disposal



Vaccination

12-METER MOBILE CT VEHICLE

The vehicle is specially developed for "detection and diagnosis" stage. It can be used to diagnose suspected infected person further to realize fast diagnosis and avoid potential risk of cross-infection.



CT detection efficiency is high

160-200 ppl / 8h

Advanced CT technology

Low dose lung scan, HD spectral imaging

Customized CT scanner

CAE analysis, counterweight/lightweight design, full-process production, reliability and seismic performance verification

Patented power storage system

60 thoracico-abdominal scans per charge Support 220V/10A charging port, scan while charging

Core equipment	Equipment Name	Equipment Functions & Processing Capacity
No-board CT	32-detector row 64-slice CT	CT detection for 160-200 persons/8hours
Power module	48 degree lithium energy storage module	60 thoracico-abdominal scans per charge
Parking A/C	GREE central A/C, 1-outdoor machine&4-indoor machine	Complete vehicle refrigeration 5.5P
Balance device	Intelligent balance system with horizontal sensor. Auto leveling and one key leveling, to ensure the leveling accuracy	Ensure that complete vehicle balance degree is not affected by road Leveling accuracy: $\pm 0.3^\circ$
Lead cabin protection	Protected by 6 lead plates (lead glass)	Dose equivalent rate of surrounding area outside the CT cabin shall not be over $2.5\mu\text{Sv/h}$
Disinfection and sterilization package	Fluorescent light, spray sterilizer	Effectively kill bacterial propagator, bud, mycobacterium, coronavirus, fungus, rickettsia and chlamydia etc.
	Lead room negative pressure device	Operation scan pressure $\leq 10\text{Pa}$