

Preliminary Technical Specifications



NeuroLF®

NeuroLF® is an ultra-compact and versatile brain PET scanner specifically designed for the detection of signs of dementia and other brain related disorders.

NeuroLF® is not yet commercially available and must only be used for investigational purposes.



Illustration above is a design prototype, the original device might look slightly different.

Preliminary Device Specifications

Weight scanner unit	220 kg (485 lbs)
Weight patient seat	60 kg (132 lbs)
Dimension (H × L × W)	170 cm × 210 cm × 80 cm 5.6 ft × 6.9 ft × 2.6 ft
Power supply	110/220V, < 1kW, air cooled
Seat capacity	200 kg (440 lbs)

Preliminary PET Specifications

Axial field of view	16.4 cm
Crystal size	3.19 × 3.19 × (10,15,20) mm
SiPM coverage of crystal array	36 %