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Периферийный рентгеновский денситометр EXA-3000



EXA-3000 is a peripheral Dual X-ray Absorptiometry (pDXA) device with its multi-site diagnosis function (forearm and calcaneus).

Peripheral Dual-energy X-ray Absorptiometry(pDXA)

Easy to Measure Multi-site Scan with Quick Scanning
Time



EXA-3000 is especially designed for scanning forearm and calcaneus of patient by DXA(Dual energy X-ray absorptiometry) technology. It is fastest BMD(Bone Mineral Densitometry) in the world. The lifter, optional item it's specifically designed for EXA-3000 makes easy to lift up and down and it allows a patient to be more comfortable.

• **Precise BMD Results for Forearm and Calcaneus**

EXA-3000 is specially designed for an easy and swift scanning of forearm and calcaneus. We guarantee a precise result with DXA technology.

pDXA with a Cone Beam Technology

Also, it is possible for you to diagnose precisely with a low level of radiation by DXA with a cone beam technology.



Easy Operation and User-Friendly Interface

The easy operation and user-friendly interface of EXA-3000 offers you with the special result report suggesting a follow-up test and relevant treatment.

Optional Lifer for Forearm and Calcaneus

If you utilize the lifter, which is an optional item for an easier lifting up and down of the device, you can measure the two different areas(calcaneus and forearm) with one device more conveniently.



Specification

Measurement Type	pDXA (Peripheral Dual energy X-ray Absorptiometry)
Measurement Method	Cone beam
Scan site	Forearm, Calcaneus
Scan time	Forearm – 5 Sec. / Calcaneus – 5 Sec.
Reproducibility	≤ 1.0% C.V.
Measured parameter	T-score, Z-score, BMD, BMC ratio of T-score and Z-score Pediatrics / Trend report / DICOM & PACS / GDP (Growth Diagnosis Program) *Optional QC check (Daily QC phantom)
Dimension	(W)410mm × (D)670mm × (H)373mm
Weight	34.5kg
Power consumption	100~240VAC, 50~60Hz
Lifter(Optional)	Dimension – (W)654mm × (D)480mm × (H)88mm

Article

- [Cone Beam pDXA: EXA-3000](#)

Article	The correlation study of subclinical hypothyroidism and osteoporosis in elderly of Han and Uygur
Source	Journal: Chin J Clin Healthc, August 2014, Vol. 17, NO. 4 Issued Year: 2014 Source: http://www.chinadoi.cn/portal/mr.action?doi=10.3969/J.issn.1672-6790.2014.04.003

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Article	Investigation and Analysis on Bone Density of Distal Forearm in 3796 Healthy Persons in Medical Examination in Zhangzhou
Source	Journal: Pharm J Chin PLA, Vol. 25, No. 10, Oct. 2013 Issued Year: 2013 Source: http://www.chinadoi.cn/portal/mr.action?doi=10.3969/j.issn.2095-140X.2013.10.029

- [Cone Beam pDXA: EXA-3000](#)

Article	The Prevalence and Risk Factors of Osteopenia and Osteoporosis in 40-59 year-old male workers
Source	Journal: ANNALS OF OCCUPATIONAL AND ENVIRONMENTAL MEDICINE 18(2), 2006.6, 130-137(8pages) Issued Year: 2006 Source: http://www.dbpia.co.kr/journal/articleDetail?nodeId=NODE01156304

- [Cone Beam pDXA: EXA-3000](#)

Article	Epidemiological study of bone mineral density in 9103 physical examination subjects in Beijing
Source	Journal: Issued Year: 2014

- [Cone Beam pDXA: EXA-3000](#)

Article	A Computer Aided System to Measure Mandibular Cortical Width on Dental Radiograph in Prediction of Osteoporosis
Source	Journal: International Conference on Communication and Signal Processing, April 3-5, 2018, India Issued Year: 2018 Source:

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