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Рентгеновский стол DEXXUM T

Designed for easy space utilization, DEXXUM T is a 1-channel pencil beam table DXA that provides precise measurement values through DXA (Dual energy X-ray absorptiometry) technology.

1-channel DXA with maximized space efficiency

DEXXUM T is a central DXA equipment designed to be compact and easy to use space, and
is a 1-channel pencil beam table DXA using a dual energy radiation absorption analysis method.

- ## Minimum installation space for hospitals and clinics

DEXXUM T has a minimal foot print, so it can be used as a bed for patients by installing it in clinics or hospital ultrasound examination rooms with limited space.

foldable table

It is designed to measure bone density more easily and comfortably through a downward folding table structure.

- ## 1-channel Pencil-beam technology

A pencil beam-shaped X-ray is irradiated from the bottom and detected with a single detector, diagnosing the bone density of the lumbar spine and femur neck with a small amount of radiation.

Lumbar spine, bilateral hip joint, forearm bone

The main measurement areas of the DEXXUM T are the lumbar spine, bilateral hip joints and forearm bones.

- ## easy and convenient measurement

DEXXUM T enables simultaneous measurement of three parts, the lumbar spine and both hip joints, with one simple button operation on the console panel.

Automatic region of interest setting

Auto-ROI (region of interest) setting enables more precise BMD measurement for each part of the lumbar spine, hip joint, and forearm bone, as well as abdominal tissue thickness measurement.
In addition, we provide a variety of software to help predict future fractures and evaluate bone quality.

Product Specification

Measurement Type	DXA (Central Dual energy X-ray Absorptiometry)
Measurement Method	Pencil beam
Scan site	Spine, Femur, Forearm
Reproducibility	≤ 1.5% CV
Measured parameter	BMD, T-score, Z-score, BMC
Dimension	(W)1850mm × (D)800mm × (H)1213mm (W)1900mm × (D)800mm × (H)1213mm (W)2000mm × (D)800mm × (H)1213mm
Table height	652mm

Related Articles

- Central DXA: Dexxum T

Article	Risk factors for delayed kyphotic deformity in osteoporotic vertebral compression fracture patients
Source	Journal: Chin J Osteoporos, June 2018, Vol 24, No. 6 Issued Year : 2018

- Central DXA: Dexxum T

Article	Effect of Warm Needling Moxibustion on Bone Density, BGP and IL-6 in Osteoporotic Compression Fracture
Source	Journal: Shanghai Journal of Acupuncture and Moxibustion, Volume 36, Issue 12, December 2017 Issued Year: 2017 Source: https://www.cnki.net/kcms/doi/10.13460/j.issn.1005-0957.2017.12.1455.html

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Article	Correlation analysis of osteoporosis-related risk factors in patients with type 2 diabetes in Dandong area
Source	Journal: Chin J Osteoporos, January 2013, Vol 19, No. 1 Issued Year: 2013 Source: http://www.chinadoi.cn/portal/mr.action?doi=10.3969/j.issn.1006-7108.2013.01.003

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Article	Evaluation of the Usefulness of Bone Mineral Density Measurement by Analysis of Dual Energy Computed Tomography(DECT) Images
Source	Journal: Thesis for the Degree of Master, Department of Bio-convergence Engineering Graduate School, Korea University Issued Year: 2019 Source: http://dcollection.korea.ac.kr/common/orgView/000000082494

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Article	The Effect of the Lumbar Vertebral Malpositioning on Bone Mineral Density Measurements of the Lumbar Spine by Dual-Energy X-Ray Absorptiometry
Source	Journal: Journal of Clinical Densitometry: Assessment & Management of Musculoskeletal Health, vol. 19, no. 3, 277–281, 2016 Issued Year: 2016

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Article	The Effect of Swiss Ball Stabilization Exercise on Pain and Bone Mineral Density of
Source	Journal: J. Phys. Ther. Sci.25: 953–956, 2013 Patients with Chronic Low Back Pai Issued Year: 2013

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Article	Result of Proficiency Test and Comparison of Accuracy Using a European Spine Phantom
Source	Journal: J Bone Metab 2015;22:45-49 among the Three Bone Densitometries Issued Year: 2015 Source: https://e-jbm.org/DOIx.php?id=10.11005/jbm.2015.22.2.45

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Article	Measurements of bone mineral density in the lumbar spine and proximal femur using lu nar prodigy and the new pencil-beam dual-energy X-ray absorptiometry
Source	Journal: Skeletal Radiol (2010) 39:1109–1116

	Issued Date: [Published online] 20 November 2009 Source: http://doi.org/10.1007/s00256-009-0828-1

- Central DXA: Dexxum T

Article	Lumbar Spine and Hip Bone Mineral Density in Thai Women Using the Osteosys Dexxum T-Bone Densitometer
Source	Journal: J Med Assoc Thai 2013; 96 (8): 898-904 Issued Year: 2013

- Central DXA: Dexxum T

Article	Cross Calibration of Dual Energy X-ray Absorptiometry Equipment for Diagnosis of Osteoporosis: between Domestic Manufacturers and Global Manufacturers
Source	Journal: J. Korean Soc. Radiol., Vol. 12, No. 7, December 2018 Issued Year: 2018 Source: https://doi.org/10.7742/jksr.2018.12.7.833