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## Рентгеновский стол EXCELLUS



EXCELLUS is a half body fan beam Dual X-ray Absorptiometry(DXA) device, which is designed under the new concept of a body composition analyzer capable of measuring the BMD(Bone Mineral Density) and analyzing a half body composition.

## 8 Channel Half Body DXA Analyzer

The Most Accurate & Precise DXA for Half Body Fat, Lean and Bone Mass



The new body analyzer, EXCELLUS, can quickly and easily analyze fat mass, lean mass and bone mass with the utmost accuracy and its special function makes it possible to analyze Gynoid and Android. And also, you can scope fat and lean mass in a specific site of a body with OsteoSys's exclusive function of B-Scope.

- **Smart Fan Beam DXA**

A Smart Fan Beam DXA of a compact concept, EXCELLUS is introduced as a new category for DXA market by maximizing the high-end functions and the strong points of our two previous models, Central DXA 'DEXXUM T' and Whole Body DXA 'PRIMUS'

**Half Body Analysis with Multi-channel Detector**

Based on DXA technology, EXCELLUS scopes the half body (from shoulder to knee) and effectively performs an examination using its Fan beam technology and multi-channel detector.



- **From BMD to Visceral Fat Analysis**

From the basic measurement of the BMD (Bone Mineral Density) of AP spine, Dual Femur, Forearm, and Lateral spine, EXCELLUS supports the various analysis such as VAT(Visceral fat Adipose Tissue) or orthopedics.

## **Combination of Beauty and Cutting Edge Technology**

We enhanced both the beauty and the convenience by combining modern, contemporary design and cutting edge technology.



### **Swing Arm**

You can install EXCELLUS as a normal table for ultrasound scanner or use it in a chest X-ray room by utilizing its swing arm function.

### **Compact Design**

We are very proud of the compact, sophisticated and refined design of EXCELLUS



# Specification

|                    |                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measurement Type   | Half body DXA (Half body Composition and assessment)                                                                                                                                                                   |
| Measurement Method | Narrow fan beam                                                                                                                                                                                                        |
| Scan site          | Half body, AP spine, Femur(Dual femur), Forearm, Lateral spine, LVA(VFA)                                                                                                                                               |
| Scan area          | 800 ×480mm                                                                                                                                                                                                             |
| Scan time          | AP spine – 23Sec. (± 2Sec.)<br>Femur – 19Sec. (± 2Sec.)<br>Forearm – 18Sec. (± 2Sec.)<br>Half body – 3Min. 30Sec. (± 2Sec.)                                                                                            |
| Special feature    | Automatic real one-scan<br>Swing arm                                                                                                                                                                                   |
| Reproducibility    | ≤ 1.0% CV                                                                                                                                                                                                              |
| Measured parameter | BMD, BMC, BMI, T-score, Z-score, Area, Half body BMD, Body Composition(Fat/Lean/BMC), HA(Hip Analysis), Dual femur Orthopedics / Pediatrics / B-Scope(body-Scope) / FRAX / Color mapping / Trend report / DICOM & PACS |
| Dimension          | (W)1900mm × (D)800mm × (H)1230mm                                                                                                                                                                                       |
| Table height       | 650mm                                                                                                                                                                                                                  |
| Weight             | 160kg                                                                                                                                                                                                                  |
| Power consumption  | 110VAC / 220VAC(+/- 10%)                                                                                                                                                                                               |

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