DENDROXRAY 2

DENDROXRAY 2 closed system is a compact designed apparatus for the gentle X-raying of wood samples.

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The X-ray tube of the DENDROXRAY 2 closed system is built-in into a cabinet, which protects the operator against all X-rays coming out from the X-ray tube (fully protected device). This equipment has the advantage (in Switzerland) that no approval is necessary for the operation.

Features

Parts of DENDROXRAY 2 closed system

- Control unit
- High voltage power supply
- X-ray tube Comet CXR-105
- 1 external warning signal
- 2 approved safety door switch
- Closed water cooling circuit

Usage

- Dendrochronology
- Climatology
- Forest Ecology
- Wood Biology
- Wood Technology
- Sedimentology
- Zoology
- Photography

Specifications

Dimensions X-ray unit	2300 x 700 x 500 mm
Dimensions Cooling unit	295 x 300 x 340 mm
Weight X-ray unit	170 kg(approx.)
Weight Cooling unit	20 kg(approx.)
X-ray film dimension (max.)	300 x 300 mm
Distance tube to film	2m
X-ray voltage	8...20 kV
Anode current (max.)	24 mA
Radiation output	45 Sv / h (20 kV, 24 mA, 2 m)
Focal spot acc. EN 12543	d = 3mm
Focus point	IEC 336 1.5 x 1.5 mm
Anode angle	20°
Power supply	230 VAC - 50-60 Hz max. 750 VA
Fuse	8 A

Links/Downloads

This Document as Web Document

Link: http://www.walesch.ch/index.php?segment=dendro&product=dendroxray

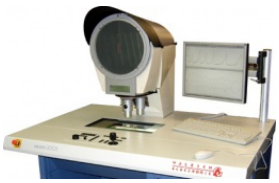
DENDROXRAY Closed System Manual (Deutsch)

Link: http://www.walesch.ch/dendro/dendroxray/downloads/DENDROXRAY_Closed_System_Bedienungsanleitung_1.02c.pdf

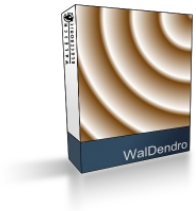
DENDROXRAY Closed System Manual

Link: http://www.walesch.ch/dendro/dendroxray/downloads/DENDROXRAY_Closed_System_User_Manual1.02a.pdf

Related Products



Dendro 2003



WalDendro Software

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