

 YOUR RELIABLE PARTNER



SITEX C1802S

Portable X-Ray Generators



TELEDYNE ICM
Everywhere you look™

Part of the Teledyne Imaging Group

Quality, Performance, Ruggedness



PANORAMIC



IP 65



50 TO 180 KV



RUGGEDIZED



AUTO-CORRECTION
X-RAY BEAM

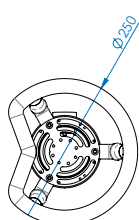
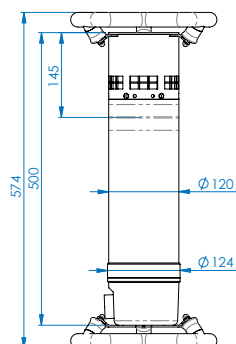
FEATURES

	Unit	SITEX C1802S
Beam	-	Panoramic
Power supply	-	Mains
Output voltage range	kV	50 to 180
Tube current range	mA	1 to 3
Tube current at full output	mA	2.0
Maximum power at the anode	W	N.A.
Constant power mode	-	No
Working cycle at 30°C (*)	%	50
Steel penetration (**)	mm/in	16.5 / 0.7
Weight (excluding hand rings)	Kg/lbs	9.5 / 20.9
Overall dimensions	mm/in	Ø 250 x 653 / 9.8 x 25.7
Leakage dose at 1 m at full output	mSv/h	< 2.0
Optical focal spot according to IEC336	mm/in	Ø 4 x 0.5 / 0.2 x 0.02
Maximum useful angle	°	360 x (2x20)
Inherent filtration	mm/in	Equiv. 3.5 / 0.1 (Al)
Waterproof level	-	IP65
Operating temperature	°C/°F	-25 to +70 / -13 to +158
Storage temperature	°C/°F	-40 to +80 / -40 to +176
Guard rings	-	2

(*) Open air - airstream 5m/sec.

(**) 700 mm FFD, 20 min., AA400, D=1.5 for SITEX

DRAWINGS



CONTROL UNIT FOR SITEX & SITEXS

	Unit	SCU 286
kV, mA and time setting steps	kV, mA, sec	1.0, 0.1, 1.0
Exposure time range	min, sec	1 sec to 99 min 59 sec
Direct kV and mA measurement (Control accuracy)	%	Yes / +0.5 / -0.5
Simultaneous display of measurements and settings	-	Yes
Pilot light indicator (Power ON, X-ray ON, Securities)	-	3
Independant START and STOP buttons	-	Yes
Two position safety key rotary switch	-	X-ray ON / STANDBY
Two position main rotary switch	-	Mains ON / OFF
High brightness graphic Vacuum Fluorescent Displays (VFD)	-	2 x 20 with anti-reflection screen
Preheating is function of selected kVs (kV max by default)	-	Automatic
Exposure time calculator (material, FFD, film, density, kV, mA, time)	-	Optional
User-defined data enabling exposure time calculation	-	Optional
Type of power supply	-	Mains, Power generator
Supply voltage range SELECTOR FREE - Auto resettable fuses	VAC	From 198 to 264
Supply frequency range - SELECTOR FREE	Hz	From 45 to 66
Minimum Power Factor	%	> 0.7
Max RMS mains current (300 kV / 6 mA - SITEX D3006)	A	12 at 220 VAC
Storage ambient temperature range	°C	-40 to +80
Working ambient temperature range	°C	-25 to +55
Protection Class	-	IP65
Weight	Kg	14
Dimensions without handle	mm	355 (W) x 157 (H) x 520 (D)

ACCESSORIES



ALUCASE



FLASHING LIGHT



TRIPOD

All specifications are non contractual and subject to change without prior notice.

TELEDYNE ICM

Zoning Les Plennes / Rue du Progrès 3 / B-4821 Andrimont (Dison) - Belgium

+32 (0)87 44 01 50 / icm.sales@teledyne.com



TELEDYNE ICM
Everywhere you look™

Part of the Teledyne Imaging Group