

No : 371/PnwS/XI/21
Hal : **Penawaran Harga**
Lampiran : Brosur

Surabaya, 15 November 2021

Kepada Yth,
Direktur RS. Mata Undaan
Jl. Undaan Kulon No. 19
SURABAYA

Dengan hormat,

Bersama ini kami ingin memberikan penawaran harga alat kesehatan **LISTEM** sebagai berikut :

No.	Deskripsi	Harga Satuan
1.	High Frequency X-Ray System 500mA 125kVp Tipe : REX-525R + BS-20 CR Fuji Tipe : DRYPIX	Rp 800.000.000
2.	High Frequency X-Ray System 500mA 125kVp Tipe : REX-525R + BS-20 Flat Panel Detector (FDR) Wireless Tipe : Rayence	Rp 975.000.000

Kondisi Penawaran :

1. Harga **NETTO, Franco Surabaya.**
2. Harga sudah termasuk Instalasi, training, uji kesesuaian, dan Bapeten (Bersifat membantu)
3. Harga tidak termasuk PRA-Instalasi Ruangan
4. Harga sudah termasuk PPN 10%.
5. Garansi unit 1 tahun untuk kerusakan yang disebabkan oleh kesalahan pabrik.
6. Tersedia backup unit X-RAY Mobile
7. Indent 2-3 bulan.
8. Pembayaran :
 - 40% DP
 - 50% saat alat datang.
 - 10% 1 bulan setelah alat terpsang.
9. After sales & sparepart terjamin.
10. Harga tidak mengikat, Penawaran ini berlaku selama 30 hari.

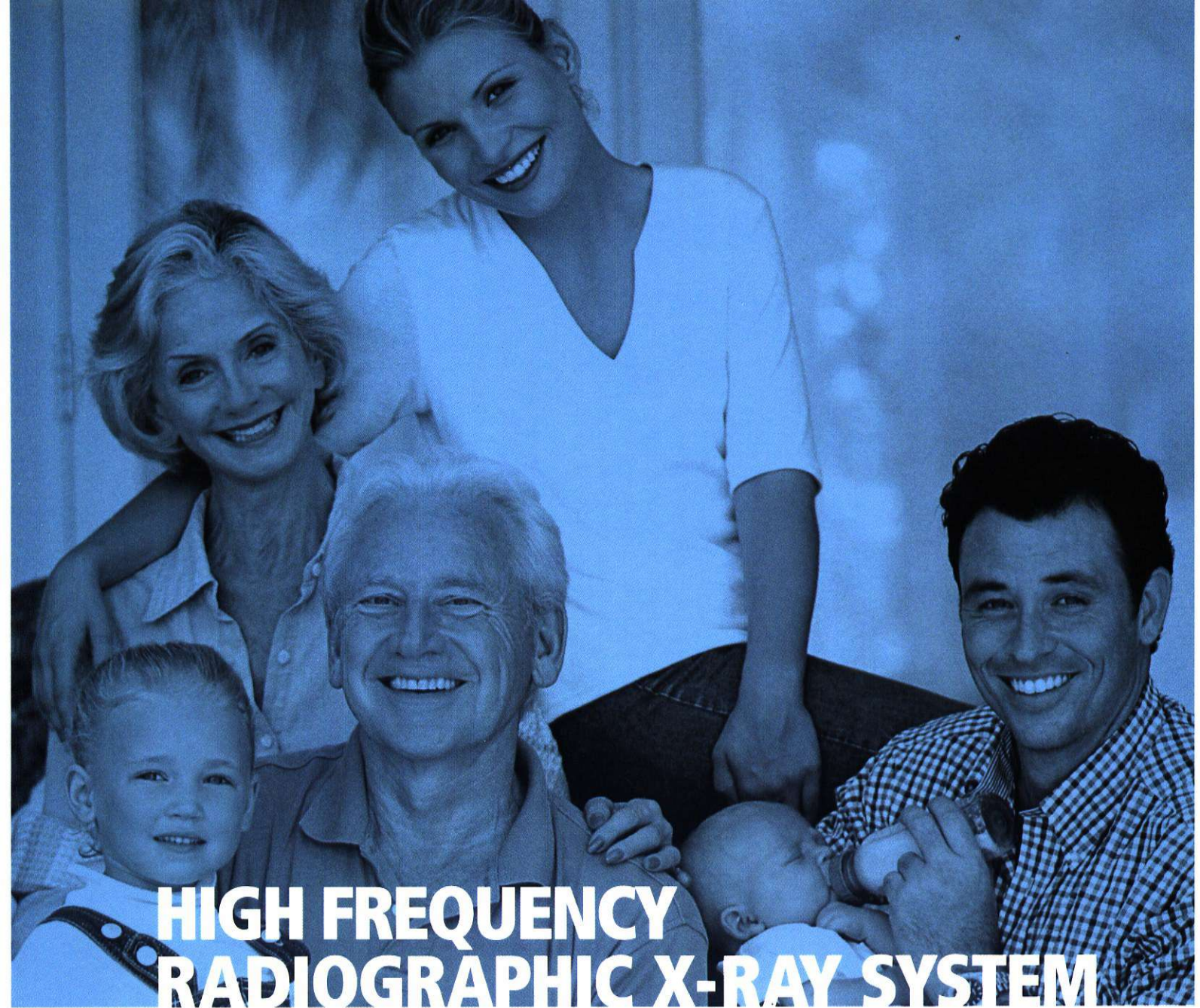
Demikian surat penawaran kami. Atas perhatiannya kami sampaikan terima kasih.

Hormat kami,
PT. Andson Sarana Bagus



ANDSON⁺
SARANA BAGUS

Agus Setiawan
Kepala Cabang



HIGH FREQUENCY RADIOGRAPHIC X-RAY SYSTEM

REX-R Series



LISTEM
Life Science System

Versatility and high performance can be applicable to all regions to be examined for Radiographic purpose

LISTEM's Radiographic system of Versatility and high performance can be applicable to all regions to be examined.

We assure stable quality through sophisticated all processing after High-qualified design, one-lined team processing specialized in Radiographic system and complete program for quality assurance. Moreover, this system achieves quality stability through mass-production and assure through A/S by providing plenty of spare parts.

This system is of benefit to the multi-functional and economical use.

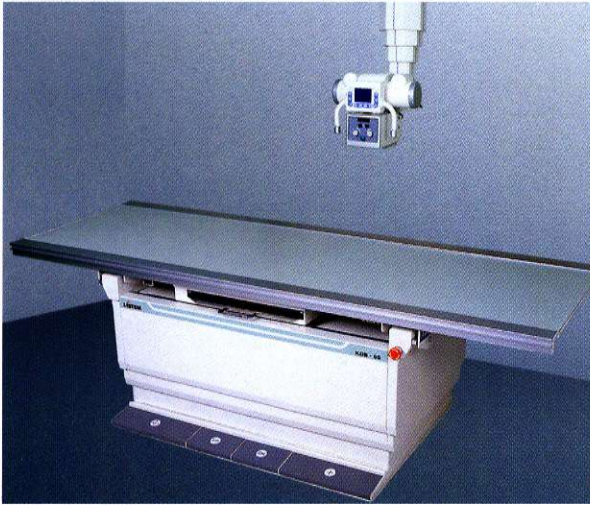
Table designed for patient's convenience makes a versatile compatibility with 4-way and 6-way as well and tube supporter also achieve a variety of configuration by floor-mounted or ceiling-suspended tube as per user's requirement.

Every components designed compactly and efficiently enable it to make economical installation in small space. The efficient high frequency generator with shorter exposure time equals less radiation dose and improved image quality. In addition, they are compatible with other generators.

DR upgradable - LISTEM Radiography Systems are upgradable to Digital System



■ X-Ray Tables



6-way table (KOB-60)

- The transverse, longitudinal and vertical movement of table top is versatile in general purpose radiography
- Height adjustable table top for easy transfer of patients from bed or trolley (low 50cm - high 90cm) and particularly well suited for orthopedic and hard-to-move patients.
- Easy patient positioning thanks to floating and height adjustable table top
- Sharp and accurate image of long-distance radiography due to the enlargement of radiographic range
- Electromagnetic locks for precise positioning and patient's safety



4-way table (KOB- I , III)

- Four-way movable table top for easy and rapid patient positioning
- The material of the table top is a high-impact plastic laminate which is designed for heavy-duty purpose
- The smooth movement of large floating table top
- Electromagnetic locks for precise positioning and patient's safety
- All region of examination with large movement of SFD
- KOB- I - Senser Type Lock
- KOB- III - Foot Switch Lock

■ X-Ray Tube stands



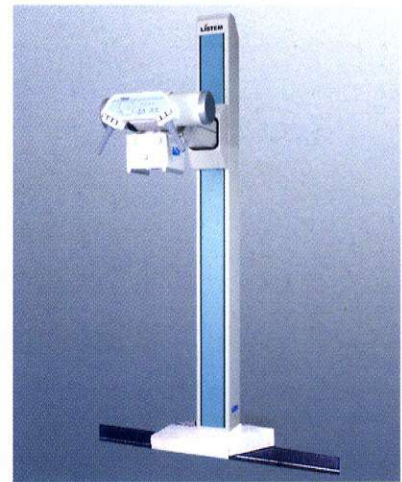
CSTS-28 Ceiling suspended tubestand

- The CSTS-28 Ceiling suspended tube stand is designed for a wide range of four directions and then has electromagnetic locks
- The spring type balancer ensures very light and smooth vertical movement.
- Patient's safety is enhanced by these unique locks which provide a lock 'ON' operation when the power is 'OFF'



SFC-31(R) Floor to ceiling tubestand

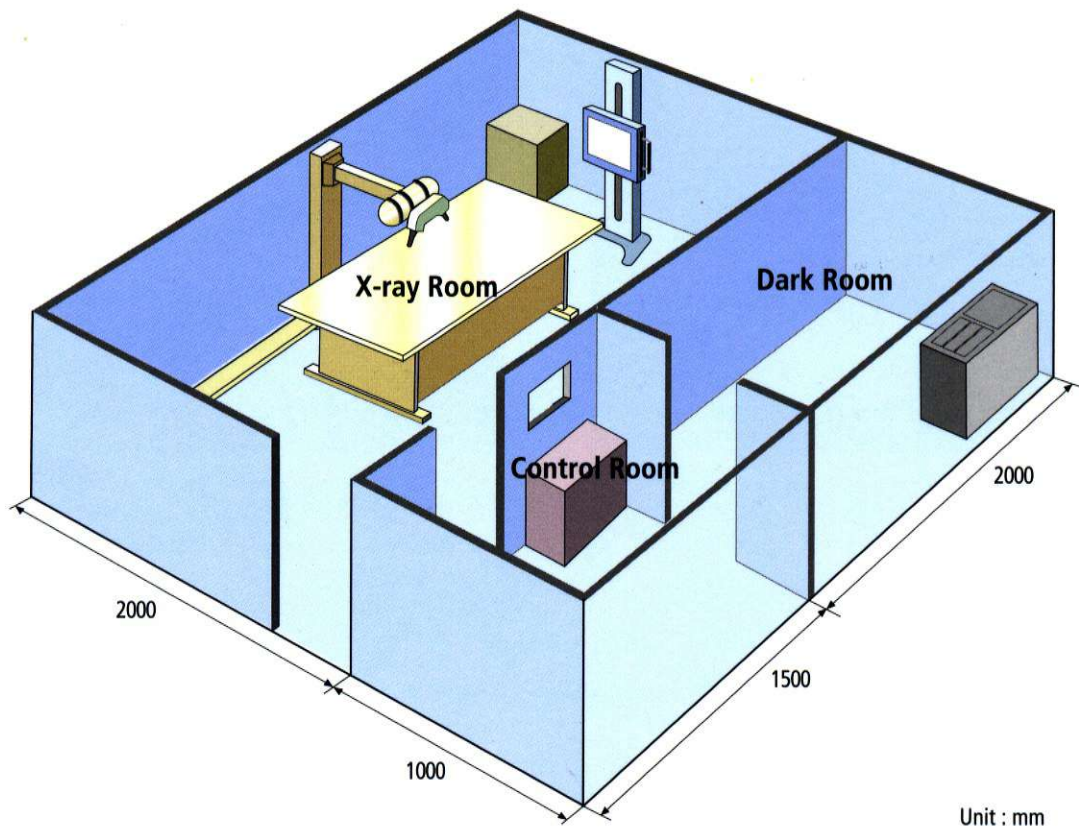
- The floor to ceiling tubestand is a sturdy, functional tube support
- It is designed for heavy-duty usage with all diagnostic tables and wall Bucky stands
- Option : SFC-31F (No column rotation)



SFM-31 Floor mounted tubestand

- The floor to mounting tubestand is sturdy, functional tube support designed for heavy-duty usage with all diagnostic X-ray tables and wall Bucky stands
- The telescopic transverse arm permits effective use

■ Lay out



■ Dimension & Weight

		Dimension(mm)	Weight(kg)
H.V Generator		L356 × W262 × H60	1.8
Controller		L448 × W457 × H896	138
X-ray Tube		∅140 × W479	16
Collimator		L182 × W197 × H186	6
Tube Stand	SFC-31R	L3560 × W1075 × H2099	177
	SFC-31	L3650 × W1275 × H2299	188
	SFM-31	L3056 × W1330 × H2130	205
	CSTS-28	L4270 × W3200 × H2250	130
Bucky Stand	BS-20	L588 × W389 × H2007	106
Radiographic Table	KOB-1	L2100 × W736 × H705	120
	KOB-3	L2100 × W736 × H705	120
	KOB-60	L2135 × W780 × H(560~820)	270

※ Subject to change without notice for further improvement.

LISTEM
LISTEM Corporation

414-1, Chongchon-Dong, Pupyong-Ku, Incheon, Korea <http://www.listem.co.kr>
TEL: 82-32-515-5511 FAX: 82-32-512-9814 Email: ibd@listem.co.kr

■ Specifications

X-ray Generator

	REX-125R	REX-325R	REX-525R	REX-550R	REX-650R
Output Rating	100mA/100kVp	300mA/100kVp	500mA/80kVp	500mA/100kVp	600mA/100kVp
	75mA/125kVp	200mA/125kVp	300mA/125kVp	300mA/150kVp	400mA/150kVp
KW	10KW	30KW	40KW	50KW	60KW
kVp Range	40~125kVp	40~125kVp(1kp step)	40~125kVp(1kp step)	40~150kVp(1kp step)	40~150kVp(1kp step)
mA Range	10~100mA(5steps)	10~300mA(9steps)	10~500mA(11steps)	10~500mA(11steps)	10~600mA(12steps)
mAs Range	0.01~600mAs	0.01~600mAs	0.01~600mAs	0.01~600mAs	0.01~600mAs
ExposureTime Range	0.001~10sec(37steps)	0.001~10sec(37steps)	0.001~10sec(37steps)	0.001~10sec(37steps)	0.001~10sec(37steps)
Control Method	Membrane Switch	Membrane Switch	Membrane Switch	Membrane Switch	Membrane Switch
Display Method	LCD	LCD	LCD	LCD	LCD
Exposure Signal	Buzzer, Lamp Indicator	Buzzer, Lamp Indicator	Buzzer, Lamp Indicator	Buzzer, Lamp Indicator	Buzzer, Lamp Indicator
Power Supply	220V, 50/60Hz	220 / 380VAC, 50/60Hz	220 / 380VAC, 50/60Hz	380VAC, 50/60Hz	380VAC, 50/60Hz

※ AEC : Available with Ion chamber(optional) ※ REX 850R available

X-ray Tube

	REX-125R / 325R / 525R	REX-550R / 650R / 850R
Model	LTN-25	LTN-50
Type	Rotating Anode	Rotating Anode
Focal Spot	1.0mm/2.0mm	0.6 mm/1.2mm
Heat Storage Capacity	140KHU(max.)	300KHU
Angle	16°	12°
Max. Voltage	125kVp	150kVp

※ E7100X & others available

Tube Stand

	SFC-31R / SFC-31F	SFC-31	SFM-31	CSTS-28
Type	Floor to Ceiling	Floor to Ceiling	Floor - Mounted	Ceiling-Suspended
Balance	Counter-Weight	Counter-Weight	Counter-Weight	Spring balance
Focal Spot Vertical Travel	1343mm	1500mm	1343mm	1400mm
Cross Travel	242mm	382mm	242mm	-
Tube Rotation	± 180°	± 180°	± 180°	± 180°
Power	24VDC	24VDC	24VDC	220VAC, 50/60HZ
Lock System	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Column Rotation	± 180° (31F is not available)	± 180°	± 180°	± 180°
Rail	Floor	3500mm	3500mm	Longitudinal Travel : 3208 mm Cross Travel : 4270 mm
	Ceiling	3000mm	3000mm	

Bucky Stand

	BS-20
Type	Floor-to-wall
Vertical Travel	1343mm
Power	24VDC(110VAC), 50/60HZ
Lock System	Electromagnetic
Grid	8 : 1, 85 line/inch (changeable by users requirement)

Radiographic Table

	KOB-1	KOB-3	KOB-60
Moving Structure	4 Way	4 Way	6 Way
LOCK System	Electromagnetic, by sensor	Electromagnetic, by foot switch	Electromagnetic, by foot switch
Cassette Travel	435mm	435mm	355mm
Table Top	2100mL × 737W × 704H	2100mL × 737W × 704H	2100mL × 737W × 400(900)H
Table Top Sliding	940mm Longitudinal	940mm Longitudinal	900mm Longitudinal
	320mm Transverse	320mm Transverse	320mm Transverse
	-	-	500mm~900mm Vertical
Grid	8 : 1, 85 line/inch (changeable by users requirement)		
Power	24VDC	24VDC	220VAC, 50/60Hz

※ Subject to change without notice for further improvement.

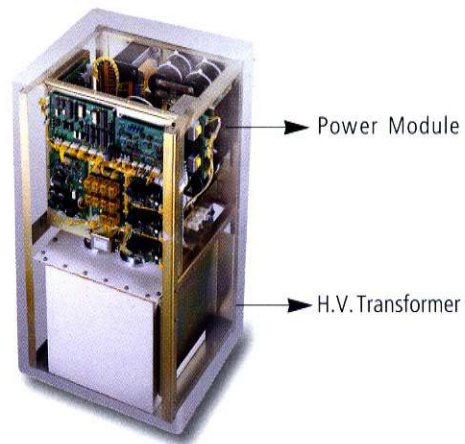
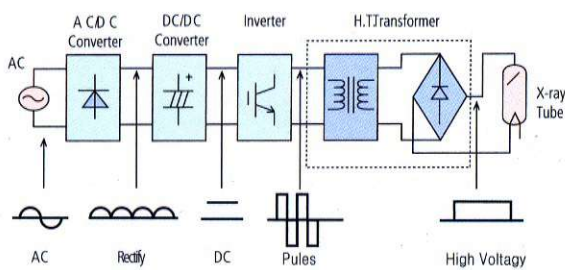
■ X-Ray Generators



REX-125R, 325R, 525R, 550R, 650R, 850R Generator

- High Efficiency, High Quality of X-ray Image
- Adopted Multiple Microprocessor
- Self-Diagnostic Circuitry with Error Code Reporting (Filament error, Rotor error, overload etc.)
- Digital Console with Anatomical Programmed Radiography
- Wide Range of Configuration

High Frequency Inverter Generator



Power Module

H.V. Transformer

■ Control Console



- | | |
|------------------------------------|--------------------------------------|
| ① Power Off button | ⑲ Tube 2 select button |
| ② Power on button | ⑳ Time / mAs select button |
| ③ Small focal spot indicator | ㉑ Function 1 button (spare 1 button) |
| ④ Large focal spot indicator | ㉒ Function 2 button (spare 2 button) |
| ⑤ Over load Indicator | ㉓ AEC left field select button |
| ⑥ Error indicator | ㉔ AEC center field select button |
| ⑦ kV increase button | ㉕ AEC right field select button |
| ⑧ kV decrease button | ㉖ Reset button |
| ⑨ mA increase button | ㉗ Anatomical view select button |
| ⑩ mA decrease button | ㉘ Body region select button |
| ⑪ Sec / mAs increase button | ㉙ Escape select button |
| ⑫ Sec / mAs decrease button | ㉚ Body size select button |
| ⑬ AEC on / density increase button | ㉛ Data / anatomical condition |
| ⑭ AEC on / density decrease button | ㉜ Ready finish indicator |
| ⑮ Tube 1 select button | ㉝ X-ray indicator |
| ⑯ No bucky select button | ㉞ Preparation button |
| ⑰ Bucky 1 select button | ㉟ Exposure button |
| ⑱ Bucky 2 select button | |