



# CHANDERNAGORE MUNICIPAL CORPORATION

No .IA/Tend/ 2022-23/32

Dated. 19.05.2022

## URGENT NOTICE INVITING TENDER

Sealed quotation is invited from the experienced, resourceful and interested suppliers for, supply of the following X-Ray machine items required for the Chandernagore Sub-Division Hospital within Chandernagore Municipal Corporation

**H/A – MPLAD Vide G.O No Dev./iv-3/2019-20/380(10) (5) Dated.Chinsurah, 07.09.2021**

Quotations are to be given on or before 31.05.2022 within 3.00 p.m. and will be opened on the same day at 3.30 p.m. Rates should be inclusive of all the taxes and other incidental charges if any.

In case accepted tenderer, fails to supply of the required items within the stipulated date & time, necessary items will be procured from the available sources & the difference in cost will be recovered from the tenderers.

This Corporation reserves the right to accepted or reject any tender without assigning any reason whatsoever.

This Tender Notice may visit in CMC website no. [www.chandernagoremunicipalcorporation.in](http://www.chandernagoremunicipalcorporation.in)  
It is also noted that the item should be as per specification.

Sl. No.	Description of the items	Quantity	Rate required
1.	Purchase X-Ray machine (Specification attached)	01 No	Per No

### **Terms & Conditions :-**

The Participants should submit PAN, GST last 03 years audited balance sheet & P/L account in declaration format and must have credential in the similar nature of supply work valued not less than 40% of the estimated cost under single contract.

This Tender rate is valid for 1 (one) year.

Estimated Amount – Rs. 5,00,000/- (attached)

Tender Paper Cost – 750/-

EMD- @2% of Estimated Amount

  
Commissioner/Secretary/Finance Officer  
Chandernagore Municipal Corporation

### **Copy to :-**

1. Commissioner/Secretary/F.O
2. E.O& O.C (T.P.Cell)
3. AE (Mech)
4. Engineer
5. A.O
6. SAE(Elect)
7. System Analyst , IT Cell ,For immediate uploading the notice in the official website
8. Store
9. Office Notice Board

10. M/S.....  
.....

  
Commissioner/Secretary/Finance Officer  
Chandernagore Municipal Corporation

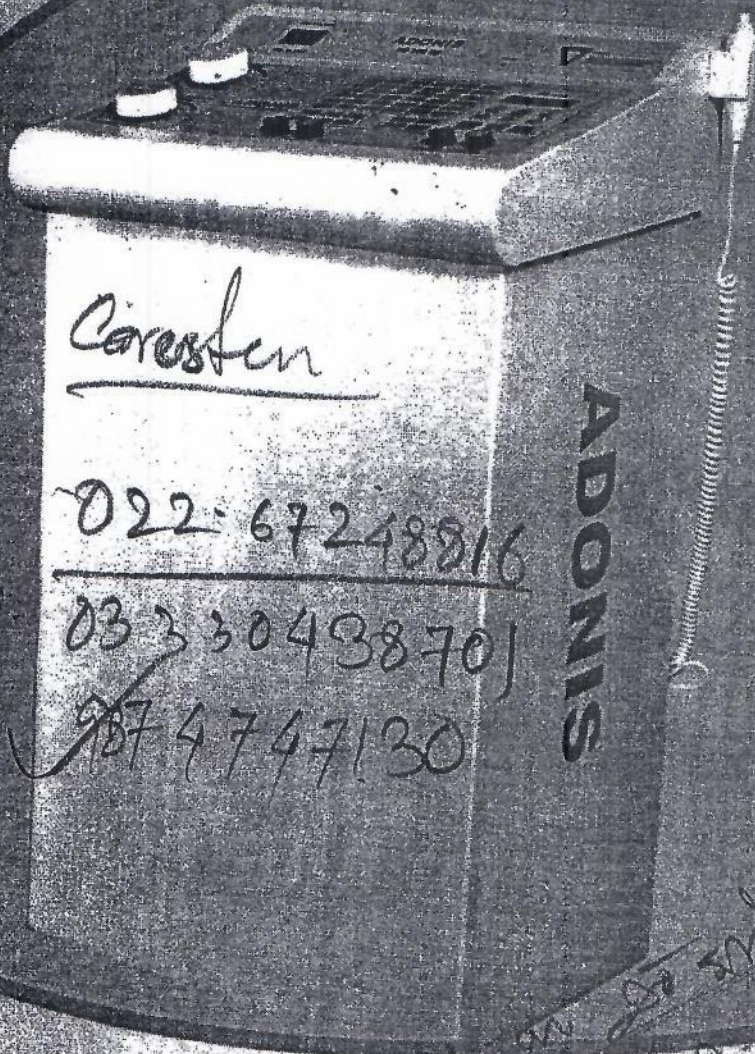


# Adonis

## ADONIS X-RAY SYSTEMS

*Giem Enkhistew*

### QUALITY REDEFINED



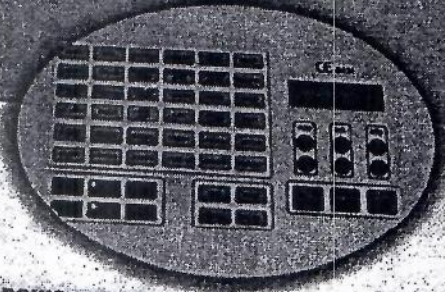
*Coresfer*

*022-67248816*

*03330438701*

*9874747130*

ADONIS



#### ADONIS APR Based Intelligent X-Ray System

- Automatic Selection of Factors as per Selected Body Part with option to change manually.
- Option to Store User Desired Factors.
- Different factor settings for Child, Thin and Fat Patient.
- Different factor settings for AP/Lateral and Oblique positions.
- Factory Setting Option.
- Exposure Counter.
- Auto Selection of Bucky
- LCD Display of applied factors with Digital Display of Line Voltage.

*E. Anwaratun...  
BBS...  
...*



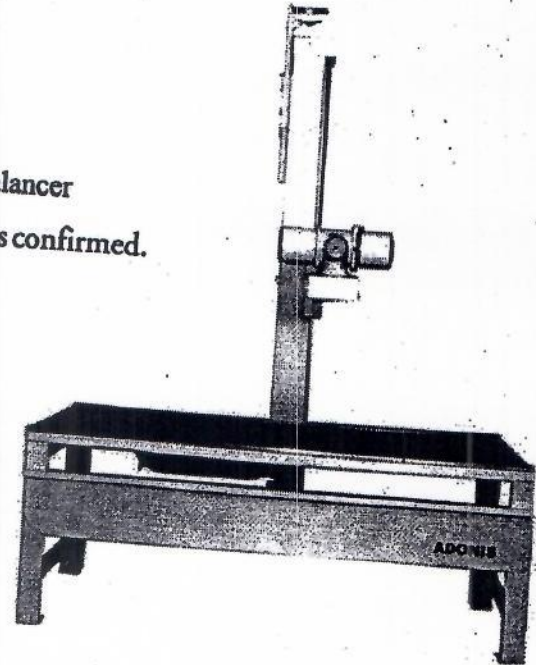
AGRE APPROVED

# ADONIS

competence in radiological field has grown smoothly and swiftly. Today the company makes a broad array of X-ray systems ranging from portable systems to High powered systems. Each one is carefully designed to assure the utmost accuracy and reliability. Much of the equipment incorporates, ADONIS's own Original development. The precision and image quality are constantly being improved and incorporated into the new system.

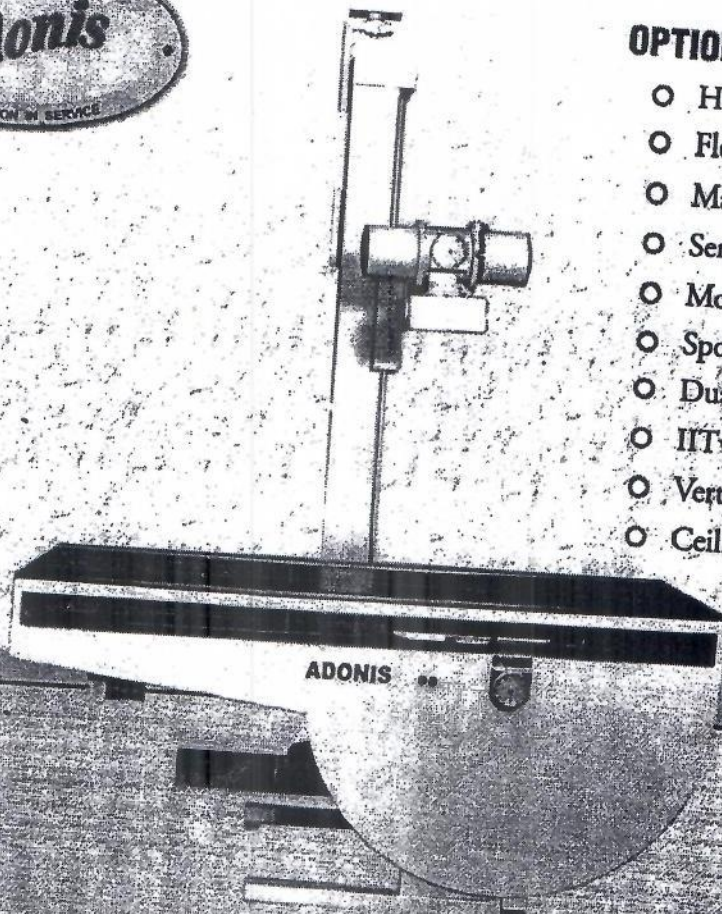
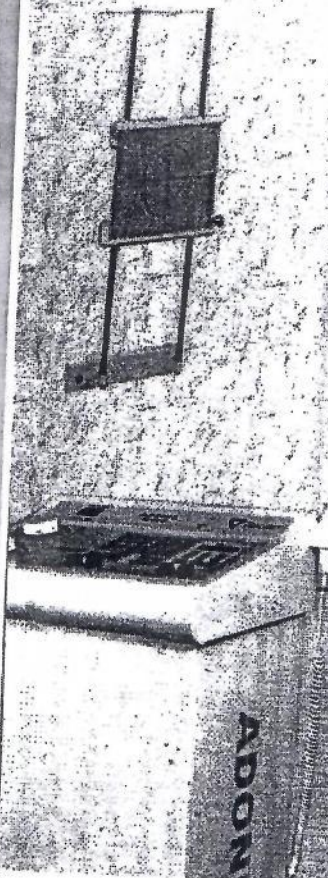
## ADONIS X-Ray Machines with Auto Programmable Technology

- Accurately designed HT Transformer for precise kVp. With Static Balancer
- Microprocessor Based Exposure Time Selection - accurate exposure is confirmed.
- Line compensation switch.
- Automatic cut off for High input voltage.
- Independent kVp, mAs and mA techniques for better radiography.
- Microprocessor Controlled Automatic Tube Overload Protection is provided for longer tube life.
- Compatible with all CR/DR Systems



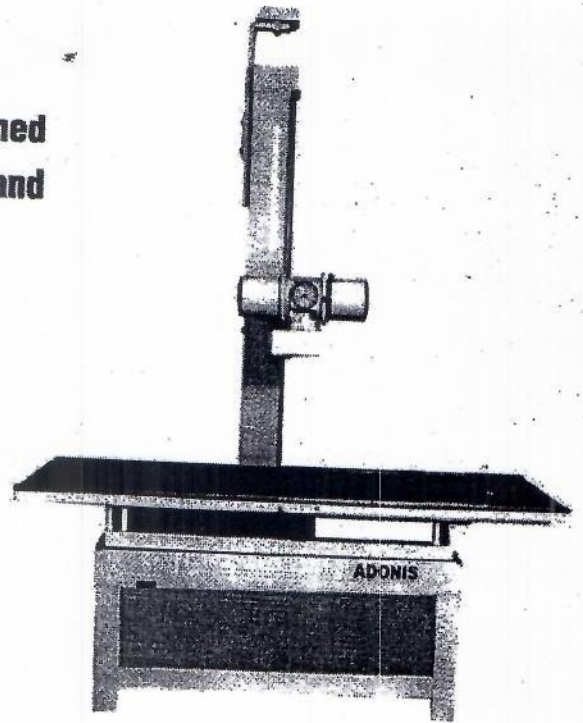
### OPTIONAL

- Horizontal Table
- Floating Top Table
- Manual Five Position Table
- Semi Motorized Table
- Motorised Table
- Spot Film Device
- Dual Tube Attachment Facility
- IITv Attachment Facility
- Vertical Bucky
- Ceiling Free Tube Support



**ADONIS High Powered X-Ray Generators are designed to support the user with easy to use functions and visibility even in dim lit X-ray room.**

- Actual input voltage display for voltage regulation.
- Digital display of kVp, mAs and Technic.
- Audio visual indication in-case of Tube overload-No X-ray exposure possible.
- Digital display of X-ray indication during exposure.
- Elegant Base - better stability even on uneven floors.



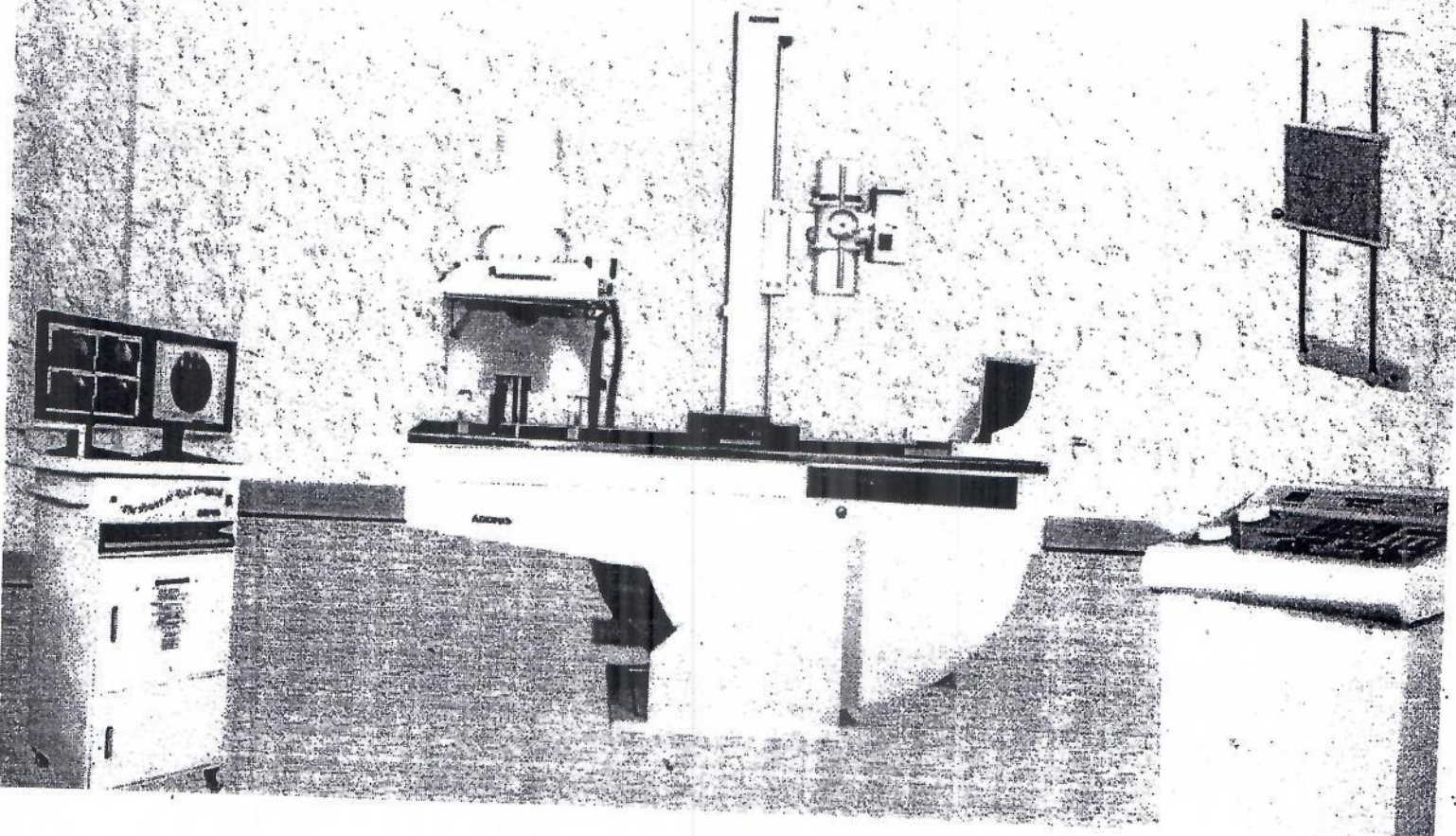
### **Image Processing and Storage**

- Computerized Workstation with following features:

Last Image Hold, Pulsed Mode, Live Mode, Recursive Filter, Contrast Enhancement, Negative Image, Zoom both in Horizontal & Vertical Direction, Mirror Images, Up side Down Image, Image Rotation and Image Collimation etc.

A large memory storage both in frame by frame mode and movie mode. Facility for Patient Data Storage and with printing facility on plain paper on customer's printer. Other facilities like Annotation, Area Measurement and Distance Measurement through reference data.

Added DVD writer for recording on the CD/DVD. Data storage on pen drive also available.

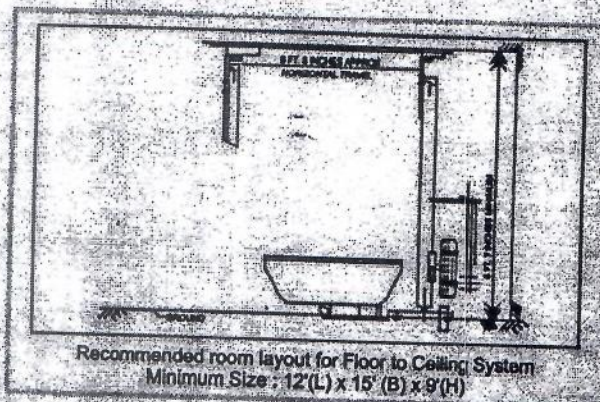


# TECHNICAL SPECIFICATIONS

DESCRIPTION	ADONIS 300 mA X-RAY SYSTEM	ADONIS 500 mA X-RAY SYSTEM	ADONIS 800 mA X-RAY SYSTEM
Model	AE-300 (Full Wave Rectified)	AE-500 (Full Wave Rectified)	AE-800 (Full Wave Rectified)
Tube Voltage Radiography	40kVp-125kVp (Each step of 1kVp)	40kVp-125kVp (Each step of 1kVp)	40kVp-125kVp (Each step of 1kVp)
Generator Type	Anatomical Programmable Unit (APR)	Anatomical Programmable Unit (APR)	Knob Based System
mAs	2 to 500 (Each Step of 2mAs)	2 to 500 (Each Step of 2mAs)	2 to 500 (Each Step of 2mAs)
Technic	50 mA, 100 mA, 200 mA, 300 mA	50 mA, 100 mA, 200 mA, 300 mA, 400 mA, 500 mA	100 mA, 200 mA, 300 mA, 500 mA, 600 mA, 800 mA
Timer	Automatic selection by Microprocessor	Automatic selection by Microprocessor	Automatic selection by Microprocessor
Tube Type	Unit Compatible - Dual Focus Rotating Anode Tube	Unit Compatible - Dual Focus Rotating Anode Tube	Unit Compatible - Dual Focus Rotating Anode Tube
Fluoroscopy Rating (Optional)	0-3 mA at 45-100 kVp	0-3 mA at 45-100 kVp	0-3 mA at 45-100 kVp
Fluoroscopy Timer (Optional)	5 minutes cumulative with Audible indication after 30 sec.	5 minutes cumulative with Audible indication with 30 sec.	5 minutes cumulative with Audible indication with 30 sec.
Power Supply	440V, 50/60 Hz with Three to Single Phase Transformer	440V, 50/60 Hz with Three to Single Phase Transformer	440V, 50/60 Hz with Three to Single Phase Transformer
Power	24 KW	40 KW	64 KW
Standardisation	* Conforming to the standards of BIS, Govt. of India * Meets requirements of radiation protection (AERB-BARC Approval)	* Conforming to the standards of BIS, Govt. of India * Meets requirements of radiation protection (AERB-BARC Approval)	* Meets requirements of radiation protection (AERB-BARC Approval)

IMAGING SYSTEM	OPTIONAL
Image Intensifier	6" (15cm), Image Intensifier, Single Input field with 15mm output image diameter/9" (23cm), Image Intensifier Triple Output Field (9"6"/4.5") with 23mm output image diameter, with housing and microprocessor controlled Power Supply.
CCD Camera	High power optics with 1/2" B/W CCD Camera with High Resolution Output
Monitors	02 Nos of 17"/18.5" High Resolution LED TFT Monitors with High Contrast Ratio, mounted on Mobile Trolley (Optional Medical grade Monitor)

**Authorised Dealer**



## Why Agfa HealthCare?

Agfa HealthCare, a member of the Agfa-Gevaert Group, is a leading global provider of diagnostic imaging and healthcare IT solutions. The company has nearly a century of healthcare experience and has been a pioneer on the healthcare IT market since the early 1990's. Today Agfa HealthCare designs, develops and delivers state-of-the-art systems for capturing, managing and processing diagnostic images and clinical/administrative information for hospitals and healthcare facilities, as well as contrast media solutions to enable effective medical imaging results.

[www.agfahealthcare.com](http://www.agfahealthcare.com)

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**AGFA**   
HealthCare

# technical

## SPECIFICATIONS

### GENERAL

#### Dimensions (W x D x H)

72,8 x 71,5 x 53,6 cm

(H = 67,6 cm with output tray)

(28,7 x 28,1 x 21,1 inch

(H = 26,6 inch with output tray))

#### Weight (without film)

77 kg (170 lbs)

#### Power requirements

- Auto ranging 100 - 240 V: 50/60 Hz

#### Power consumption

- Printing: 250 Watt
- Peak: 530 Watt
- Standby: 70 Watt

#### Capacity of supply tray

- 100 sheets per supply tray

#### Operating conditions

- Temperature: 15 - 30 °C (59 - 86 °F)
- Humidity: 20 - 75% RH, non condensing

#### Storage/Shipping conditions

- Temperature:  
-25 to +55 °C (-13 to 131 °F)  
-40 to +70 °C for transport (-40 to 158 °F)
- Humidity: 10 - 95% RH, non-condensing.

#### Heat dissipation

- Standby power: 70 Watt
- Average printing power: 250 Watt
- Peak power: 530 Watt

#### Safety

- IEC 60601-1

### PERFORMANCE

#### Throughput

- 8 x 10 inch: 130 sheets/hour (28 sec. per sheet)
- 11 x 14 inch: 86 sheets/hour (42 sec. per sheet)
- 14 x 17 inch: 75 sheets/hour (48 sec. per sheet)
- Access time first sheet:  
77 sec. (14 x 17 inch - 12-bits)

#### Diagnostic area

- 8 x 10 inch: 2376 x 3070 pixels
- 10 x 12 inch: 3070 x 3653 pixels
- 11 x 14 inch: 3348 x 4358 pixels
- 14 x 17 inch: 4358 x 5232 pixels

#### Printing resolution

- Geometrical: 320 ppi
- Contrast: 14 bit printing

### MEDIA

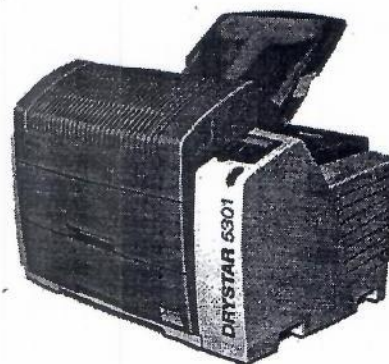
#### Types

- DRYSTAR DT2 B: blue base
- DRYSTAR DT2 C: clear base

#### Sizes

- 8 x 10 inch, 10 x 12 inch, 11 x 14 inch, 14 x 14 inch  
and 14 x 17 inch
- One size on-line

# DRYSTAR 5301 Imager



## Easy connectivity for optimal flexibility

DRYSTAR 5301 is a DICOM-native imager, which makes network connectivity easy.

## One media size on-line

Despite its compact size, DRYSTAR 5301 features one media size on-line, with 5 media sizes available. With its ultra-short access time for the first film and its throughput of 75 sheets per hour (14 x 17 inch), DRYSTAR 5301 offers fast access to your films for diagnosis.

## Next-to-application imaging

The unit's small footprint means that convenient next-to-application installation is possible in even the most space-restricted environments. DRYSTAR 5301's freedom of placement, combined with its low investment and running costs, make it the perfect match for many modalities.

## A total, one-stop imaging solution

Through its intelligent matching of Direct Digital Imaging technology, media and imager, DRYSTAR 5301 is designed to stand at the heart of Agfa HealthCare's integrated solutions. Combined with leading-edge DRYSTAR DT2 media, diagnostic quality greyscale hardcopies of a higher standard are delivered time after time. Because it is heat-sensitive rather than light-sensitive, DT2 brings the added convenience of daylight loading.

## Enhancing imaging quality

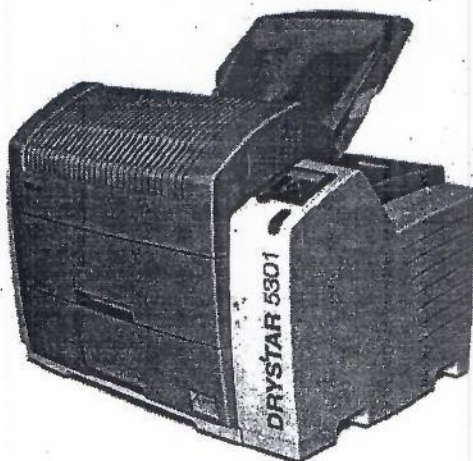
As part of our continual drive to provide you with perfect image quality, our award winning Direct Digital Imaging (DDI) technology has been enhanced to include A\*Sharp technology. This technology intensifies imaging capability, enabling DDI to provide sharper image quality across all applications.





# DRYSTAR 5301

## Imager



*DRYSTAR 5301 IS A SINGLE TRAY,  
DIRECT DIGITAL IMAGER.*

- Excellent reliability, minimum maintenance
- Direct Digital Imaging technology
- Convenient imaging with one media size on-line
- Easy daylight loading

Excellent reliability, minimum maintenance

DRYSTAR 5301 offers all the benefits of Direct Digital Imaging. This solid-state technology avoids the use of complex optical components, making the imager reliable and durable by design. Moreover, the DRYSTAR 5301 provides all the advantages of dry technology: no wet processing, no darkroom, and no film processing chemicals.

