

Drystar 5500 Service Manual

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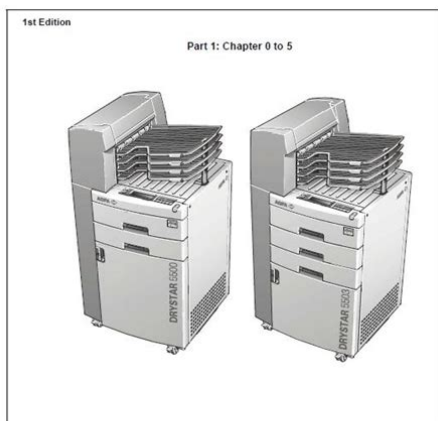
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179. Changing the film format of the trays. 180. Drystar 5500 network configuration. 183. Transport after installation. 184. Chapter 6 Preventive maintenance and replacements. 185. Preventive maintenance schedule. 186. Cleaning the exterior. 187. Cleaning the dust rollers. <http://obkladacstvikolar.com/content/file/crosman-760-owners-manual.xml>

188. Cleaning the cooling air flow holes. 192. Chapter 7 Troubleshooting. 193. Troubleshooting checklist. 194. The Drystar 5500 does not print. 196. Clearing of film jams. 199. Film identification problems. 214. Startup errors. 218. Maintaining image quality and resolving Image quality problems. 220. Warning messages. 225. Appendix A Equipment information sheet. 227. Specifications. 228. Viewing the System info area on a film. 233. Options and accessories. 235. Connectivity. 236. Appendix C Quality Control Charts. 241. Charts for general radiography QC. 242. Charts for mammography QC optional. 247. Appendix D Remarks for HF emission and immunity. 253. Appendix E Index. 259. Scope. Drystar 5500 and the Drystar 5503 printers. The only difference between both printers is the number of input trays. The operation is identical for each input tray. Upper. Lower. Middle. This manual only deals with the Drystar 5500 printer, equipped with two trays. As the operation of the Middle input tray is identical to the Upper and Lower input tray. The table below lists the ordering codes for the Drystar 5500, Drystar 5503. Description. ABC code. Drystar 5500. Drystar 5500. Drystar 5503. Available Software versions. The table below lists the available software versions and the type of printer. Software. Printer. Introducing the Drystar 5500. This chapter introduces the Drystar 5500 to the user and Drystar 5500 features. Safety precautions. Security precautions. Safety compliance. Privacy and security. Operating modes. Control modes local and remote. The local user interface. Switching on the Drystar 5500. Cooling down the Drystar 5500. Switching off the Drystar 5500. Drystar 5500 features. The Drystar 5500 is a dry digital printer for producing diagnostic images. It. Drystar 5500 can be used for general radiography and optionally for the. It is designed for high throughput and for use as a. The Drystar 5500 is a DICOM only network printer. The Drystar 5500 offers the following features.

Q Dry technology for printing diagnostic quality hard copies in full daylight offers. Q With its compact design, the Drystar 5500 needs little work space and allows. Maintenance and service activities are reduced to the. Q The direct thermal printing system provides grayscale images with laserlike. XRite 310 densitometer is used. Q The builtin image spooling on hard disk assures a high throughput. Printing. Q Multiple film formats 8x10", 10x12", 11x14", 14x14", and 14x17" can be used. Any combination of two film formats can be used "on line". Both input trays can. Q The input trays of the Drystar 5500 are equipped with an RF tag reader, which. Q Number of input trays. The Drystar 5500 is delivered with 2 input trays. Both input trays can use. The Drystar 5500 is delivered with 4 output trays, which can be assigned to. Q A Quality Control software module is available for the Key operator. The. Q The QC procedure for the optional mammography application has been designed to comply. Q The modular design offers optimal application to your specific networking. In a network configuration, the Drystar 5500 is fully compatible with Agfa's System software, the Paxport and the entire line of Impax Review Systems. Storage Stations and Transmitting Stations. Q The functionality of the Drystar 5500 is completely controlled via the network. Q You can control the working of the Drystar 5500 via the local keypad or via a. Customizable features. Q Number of output trays. The Drystar 5500 is delivered with 4 output trays and a sorter. Q Consumables. The Drystar 5500 can handle DRYSTAR DT 2 B and DRYSTAR DT 2 C. Software license information. Q The Drystar 5500 printer uses software developed by the Apache Software. Foundation .

<http://www.bouwdata.net/evenement/ecs-elitegroup-a780gm-a-manual>

The Drystar 5500 must only be operated according to its specifications and its. AGFA positively will not assume any liability in these. All images created using any image technology can show artifacts which could be. If there is any doubt that the. When operating or maintaining the Drystar 5500, always observe the. Have electrical or mechanical defects repaired by skilled personnel only! Do not override

or disconnect the integrated safety features. Ventilation openings may not be covered. Always switch off the Drystar 5500 and disconnect the power cord from Film jam removal or Cleaning the printer thermal head can be done without Nevertheless, care should be taken and the following Always take into account the markings provided on the inside and outside of Safety warning, indicating that the Drystar 5500 manuals should be Consideration relating to the choice of In addition all configurations must comply with the medical If required contact your local service organization. Keep hands clear from the thermal print head. In order to reduce the risk of electric shock, do not remove any Type B equipment. Indicates that the Drystar 5500 complies with the limits for type B Supplementary protective earth connector. Provides a connection between the Drystar 5500 and the potential Intergrounding connector. Provides a connection between the printer and other equipment Protective earth ground. Provides a connection between the printer and the protective earth Power button. Note that the power cord has to be disconnected from the wall outlet Precautions for use in USA only. Make sure that the circuit is single phase center tapped, if the printer Before moving the printer, always switch off the machine. The user has to be When doing this, Also the user has to make sure that the brakes are To prevent injuries, lock the brakes when the Drystar 5500 is in place at Waste disposal and environmental regulations.

This symbol on the product, or in the manual and in the warranty, Instead it shall be handled over to the applicable collection point for By ensuring this product is disposed of correctly, you will help The recycling of materials will help to If your equipment contains easy The RoHS Restriction of Hazardous Substances Member States of the European Union EU shall ensure that, from 1. July 2006, new electrical and electronic equipment put on the At the date of preparation of this manual, Medical Devices are However Agfa HealthCare is committed to meet the requirements of If there is a RoHS label at the rear of the printer it means that the In case of questions or more detailed information do not hesitate to CAUTION U.S.A. only In accordance with U.S. Law, this device can only be Printed images should be treated as patient records and should only be It is good practice not to delete images from the modality, until they are It is advisable to do a reprint when film artifacts are present in the image. EMC issues Reference manual, may cause harmful interference to radio Canadian Interference Causing Equipment Regulations. In a domestic environment this product may Complies. The Drystar 5500 has been tested and found to comply with the following CFR Part 21. FDA 510K, FDA Part 820 Good manufacturing Practice for Medical devices. The Quality Control test procedure for general radiography applications. DT 2 C' on page 141 complies with the grayscale reproduction constancy Quality Standard Act MQSA of the FDA. FCC Rules 47 CFR part 15 subpart B. FCC Rules 47 CFR part 15 subpart C ISPR 22, class A The following labels are located behind the front door. CCC label. CE, TUV and cULus labels. Date MM.JJJJ. FNr. xxxxx Made in Germany The following labels are located behind the drum compartment door. FNr. xxxxx Power cord regulations Within the healthcare industry, several standardization efforts are ongoing as The purpose of In order to allow hospitals to comply with HIPAA regulations Health.

Insurance Portability and Accountability Act and to meet the IHE standards PC with browser'. DICOM use the Transport Layer Security TLS protocol. The TLSAs a consequence of these actions, These interfaces include all user The last two functions are available when access to the Administrator is Each device connected to a network will receive a unique identifier the. X.509 certificate, a digital passport. Any device on the network is only A Certification Authority CA is responsible for creating a certificate. The CA This CA distributes the certificate to the hospital security responsible or The Drystar 5500 can be operated in five modes operator mode, Keyoperator mode, service mode, specialist mode, and administrator mode. Operator mode. The operator mode groups all basic functions which are aimed at All functions of the operator mode are described in both User and Reference. Acces is possible via the local keypad and via a connected remote PC Keyoperator mode. The Keyoperator mode groups advanced functions which are aimed at The

Keyoperator mode is menu driven. The Keyoperator functions are accessible via the local keypad and via a connected remote PC service mode. The service mode functions are reserved for trained service personnel. The specialist mode functions are reserved for trained service personnel of the specialist mode. The Administrator mode functions are reserved for the System Administrator. The Administrator mode is password protected and is only accessible by you. You can control the working of the Drystar 5500 via the local keypad or via a remote PC. The table below gives an overview of the operating modes you can access. Local. Password Remote. Password Operator mode. No. Yes. Keyoperator mode. Service mode. Specialist mode. No access. Administrator mode. The manual describes the controlling of the Drystar 5500 via the keypad.

When controlling the Drystar 5500 via a remote PC, the menus are structured. PC with browser'. The Drystar 5500 interfaces with the user via the following controls. Power button. Unlock button; Overview of user interface controls. Unlock button. Display. Keypad cover. Status indicator LED. Film input tray Upper input tray. Film input tray Lower input tray. Never try to open the printer when the Drystar 5500 is busy printing. At the right side of the display, a LED indicates the status of the Drystar 5500. Green. Red. Status. Action. Constant. Ready standby. Proceed. Blinking. Busy or in Keyoperator mode. Wait. Warning status. Error status. Check the display for messages. The control buttons. Two control buttons have been provided. Unlock button Power button. Do NOT press the Power button without first following the procedure to Audio signals. The Drystar 5500 gives status information via beeps. The length of the beep Drystar 5500 has rejected the key command. Certain conditions can cause an interval beep. An interval beep accompanies an To access the keypad, push the keypad cover backward. The keypad is located under the keypad cover. The Drystar 5500 keypad features the following keys. Emergency To rearrange the print queue emergency jobs can Delete key. To delete print jobs. Jobs that are deleted will not be. Keyoperator key. To access the advanced functions of the Keyoperator mode. Service key. To access service level functions. Reserved for Escape key. To quit the current function or exit a menu without Confirm key Down key Left key Right key You can press and hold down an arrow key to scroll quickly through a list or a The Drystar 5500 control panel has a backlit LCD display. We distinguish two French, Portuguese, Swedish,.. Chinese, Korean, Polish,.. Whether a display is translated or not depends on the operating mode. Contact Agfa for the latest Drystar 5500 language availability status.

In operator mode, appropriate information is displayed, in accordance with The operator basic screen looks as follows, indicating that the Drystar 5500 is On the print queue screen the modality name defined during installation Keyoperator mode. In Keyoperator mode, operation is menu driven. The menu displays the Keyoperator functions and the active keys. Active keys. Introducing the Drystar 5500 When entering numerical or alphanumerical data, always adhere to the Up key. Transition from 9 to 0 of one figure will also increment the next Decrement the number in an alphanumerical entry field by pressing Move the entry position in an alphanumerical entry field from right to Move the entry position in an alphanumerical entry field from left to Press and hold down a key to repeat arrow key actions. To accept an entry in a menu, press the Confirm key. A short beep acknowledges and terminates the entry. The Drystar 5500 will sound a long beep if you press a key that is not to be Before switching on the Drystar 5500, read the safety instructions. Refer to. Follow the procedure below to ensure proper startup of the Drystar 5500 and Check that the power cord is plugged in and then switch on the printer by On the display, the following message is displayed. After a short while, a progress It takes 11 minutes before the Drystar 5500 can start printing. After 6 minutes the. READY message appears and from then on you can send print jobs to the printer, When you send Refer to page 46 for detailed information on loading films. If the job status holds a warning or error indication. If owing to certain circumstances e.g. extensive printing, the temperature The cooling Switching off the Drystar 5500. When you want to switch off the printer, it is recommended to follow the Make sure that the pending jobs are correctly finished. If necessary, follow the Press the

Power button to switch off the Drystar 5500. In case the printer is ready, it shuts down immediately.

Otherwise it can take up to Basic operation This chapter will inform on how to manage the print queue, Overview of operator functions. Managing the print queue. Assigning emergency priority. Deleting print jobs. About Drystar 5500 consumables. Loading films. Overview of operator functions. This section focuses on the basic operating principles of the Drystar 5500. After reading this chapter, the operator should be able to produce diagnostic All basic operator functions can be activated directly by pressing a single key Page. Jobs that have been received are You can always check the status of the print jobs. As long as the jobs are not yet submitted for printing i.e. they are still in the Keep in mind that one print job can hold several films to be printed. In accordance Refer to the User Checking the print queue. If jobs have been transmitted from the network to the Drystar 5500, they are New jobs that are added. As soon as the last film of a job is ejected in the output tray, the next job that Example of the Print queue screen If no job is being printed, the progress indicator Status. Description. Printing. Printing of this job is in Calculating. The necessary calculations Action. Waiting. Media size The job has been put in the No compatible media are Make sure the correct media are On the print queue screen the modality name defined during installation You can assign emergency priority to jobs that need to be printed with Emergency jobs will be printed However, any pending jobs On the keypad, press the Emergency key. The Emergency printing screen is displayed You can press the Escape key to return to the previous menu without making changes. Press the Down and Up keys to scroll through the jobs and press the Confirm Printing will be resumed in accordance with the changed queue order. Any pending jobs that are already being calculated or scheduled for printing On the keypad, press the Delete key.

The Delete print job screen is displayed You can press the Escape key to return to the previous menu without deleting print jobs. Press the Down and Up keys to scroll through the jobs and press the Confirm The Confirm delete screen is displayed. Proceed with the next step. Printing will be resumed. The job that has been deleted will not be printed. The Drystar 5500 can handle blue transparent DT 2 B, clear transparent Available film formats for general radiography applications are 8x10", Available film formats for the Both input trays can use all film formats. The Key operator can adjust the film size setting for both input trays. Labeling the input trays. The following film types can be used DRYSTAR DT 2 Mammo The different formats are configured in following way in a tray Introduction. This section describes how to load the Drystar 5500 with appropriate films. The Drystar 5500 can be loaded with 8x10", 10x12", 11x14", 14x14" and The Drystar 5500 can be loaded with new films in full daylight. Loading films is Follow the procedures as described in this section. The Drystar 5500 will inform you in several ways that an input tray is empty. An audible signal, The film loading procedure is identical for both input trays. In the examples The procedure is slightly different, depending on the fact whether the Drystar 5500 Never load an additional film sheet or film sheets to a film pack in use. Only load a new film pack when the current input tray is empty. The display shows the following message. Press the Unlock button to initiate the loading sequence. When the film path is cleared, the following message is displayed. Press the Unlock button. The printer is ready to receive a new film pack when the following message appears. Blinking You have 5 seconds to open the input tray. If you do not open the tray within that Load a new film pack. The display shows the following message. Press the Unlock button to initiate the loading sequence. Open the lower input tray.

You have 5 seconds to open the input tray. If you do not open the tray within that Load a new film pack. Open the empty input tray. The display shows the following message Basic operation operator mode Verify that the film type on the film pack corresponds with the sticker on the tray! If You can put the film pack onto a table to make manipulation easier. Before you do Remove the sticker from the film pack. Slide the film pack into the input tray, and remove the plastic film bag Basic operation operator mode Close the input tray. The Drystar 5500 resumes printing as soon as the tray is closed.

Loading instructions are also available on the input tray cover. Never load another film format when the input tray is not empty. IntermediateThe system performs an automatic calibration when the film format has beenNever reuse a jammed film. Only the Drystar 5503 is equipped with a “back side printing” detectionIn this caseThe Drystar 5500 does not have this feature.You can verify that the film is properly loaded by watching the lower right corner ofThe rounding of this corner should be smaller than theWhen closing the input tray, the Film Identification tag is read and the printerThe Film Identification tag is located on theThe figure below shows the filmFor some new film types, the Film Identification tag will be covered by a sticker andAdvanced operationThis chapter gives an overview of functions for the advancedOverview of Keyoperator functions. Stopping the printing process. Viewing printer information. Changing the configuration settings. Printing images. Saving the configuration settings. Restoring the configuration settings. Performing the calibration procedures. Installation. Quality control for general radiography applications. Quality control for mammography applicationOverview of Keyoperator functions. The Keyoperator menus make it possible to use the Drystar 5500 advancedFor general information on the functions of the Drystar 5500 keys, refer to. Overview.

The Drystar 5500 features the following functions on the main menu level ofMenu item. Function. Page. Stop printing. To halt the printing procedureTo consult the current settings of the printer.To change the current settings of the printer.To print one of the standard Drystar 5500 testTo make a backup of the printer settings.To restore the backup of the printer settings.To calibrate the printer.To install the software with the installationTo control with a daily procedure the imageUpper input tray. Lower input tray. Show settings. General. Input tray. Network Dicom. Per modality.

<https://www.interactivelearnings.com/forum/selenium-using-c/topic/20028/ecs-elitegroup-a740gm-m-v10-mainboard-manual>