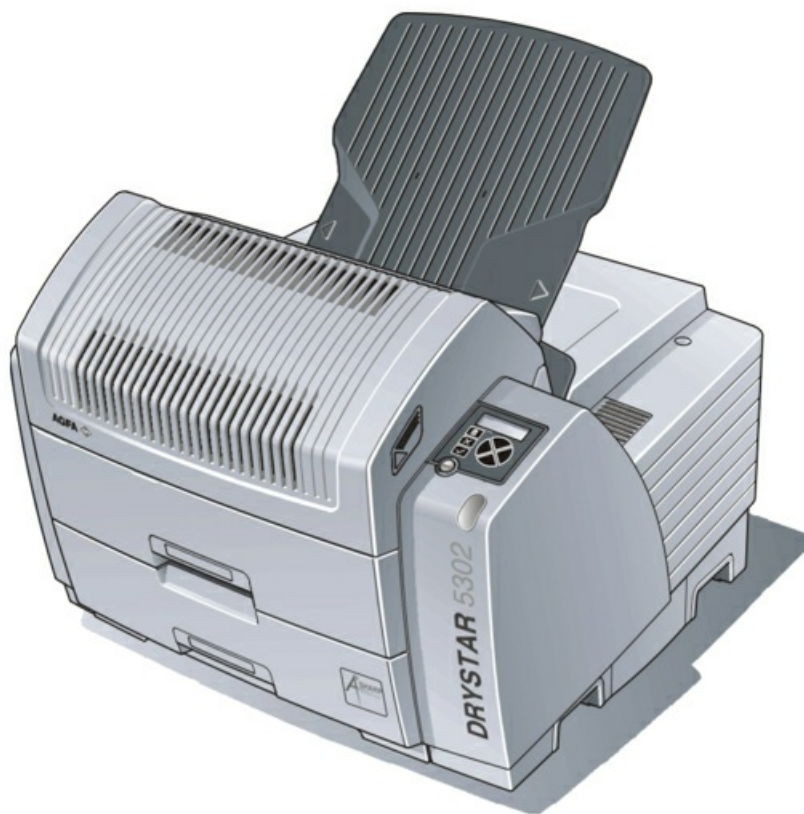


AGFA DRYSTAR 5302 5366 SERVICE MANUAL



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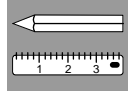
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8.1 Electrical connections at the printer

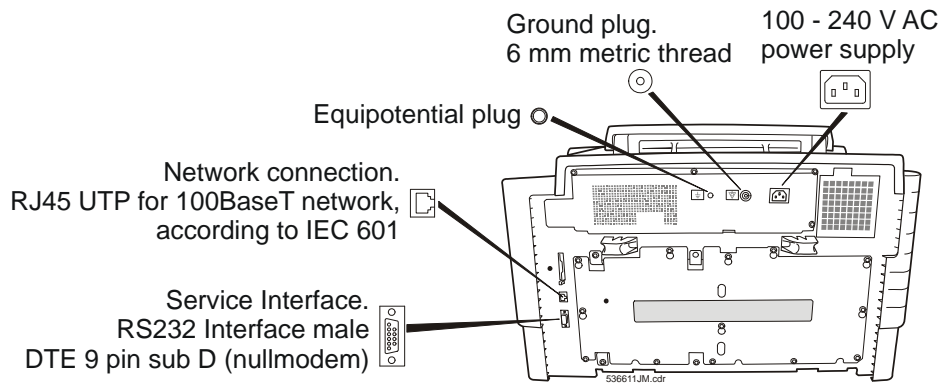


Figure 10

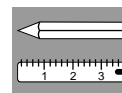
9 Specifications

9.1 Type overview

Printer	Type
DRYSTAR 5302	5366/100

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9.2 Functional data

Film sizes	14x17", 14x14", 14x11", 10x12", 8x10"	
Throughput (films/hour)	8x10": 140	14x17": 75
Access time ^{1st} film approx. (seconds)	77	
Printable area(pixels)	Refer to 9.2.1	
resolution(DPI)	320 (79.4 µm Pixel size)	
Bits per pixel / number of grey steps	12 / 4096	
Daylight film loading	yes	
Films per film magazine	100 films	
Number of film magazines	2	
Image recording type	Direct thermography	
Densitometer built in	yes	
Automatic density control	yes	
Hard disk capacity	≥ 73 GB	
RAM Memory	Plugged on Themis: 512 MB	
Warm-up time	Approx. 7 min. (cold printer)	

9.2.1 Pixel Matrices

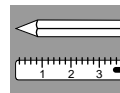
The DRYSTAR 5302 has two film supply trays that can be configured to 14x17", 14x14", 14x11", 10x14" or 8x10" film size. If trim is used around the images (trim is a small, white frame around each image on the film), the diagnostic area is 6 pixels smaller at each edge of the film.

Film Size	DRYSTAR 5302 Diagnostic Printable Area in Pixels			
	No Annotations		Annotations	
	Width	Height	Width	Height
8x10"	2376	3070	2376	2705
10x12"	3070	3653	3070	3288
14x11"	3348	4358	2983	4358
14x14"	4358	4303	4358	3938
14x17"	4358	5232	4358	4867

Table 1: Pixel Matrices

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9.3 Electrical data

Rated voltage [~V]	100-240 AC (autosensing)
Frequency [Hz]	50/60
Power consumption [W]	70 standby 250 printing average 530 peak

9.4 Climatic data

Heat emission [kJ/h]	252 standby 900 printing average 1908 maximum
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9.5 Sound emission data

Noise level:	in standby:	53 dB(A) maximum
	in operation:	62 dB(A) maximum

9.6 Interface data

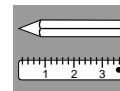
Image / control data interface	DICOM 3.0 Print SCP
Maximum number of simultaneous DICOM associations	10

9.7 Service data

InfoCounter	yes
Error diagnostics built in	yes
Module exchange concept	yes
Remote/preventive service capable	yes

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9.8 Dimensions and weight

9.8.1 Dimensions, packed machine

Length / depth (cm / inch)	90 / 35.4
Width (cm / inch)	87 / 34.2
Height (cm / inch)	69 / 27.2
Height incl. Pallet (cm / inch)	84 / 33.1

9.8.2 Dimensions, closed machine

Width (cm / inch)	72,8 / 28.6
Length / depth (cm / inch)	71,5 / 28.2
Height with output tray (cm / inch)	67,6 / 26.6
Height without output tray (cm / inch)	53,6 / 21.1

9.8.3 Dimensions, opened machine

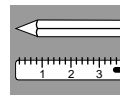
Width (cm / inch)	72,8 / 28.6
Length / depth (cm / inch) with film trays opened	116 / 45.7
Height (cm / inch) with top cover opened	76 / 29.9

9.8.4 Weight

Printer alone (kg / lb)	90 / 198
Printer with packing incl. palette (kg / lb)	120,5 / 265,6

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10 Safety Standards and Regulations

The printer has been tested and found to comply with the following international standards and regulations:

- Medical Devices Directive 93/42/EEC
- CFR Part 21

Safety standards:

- IEC 60601-1 + A1 + A2
- EN 60601-1 + A1 + A2
- UL 60601-1:2003
- CSA 22.2 No. 601.1-M90
- GB4943-2001

Radio-interference regulations (interference suppression):

- FCC Rules 47 CFR part 15 subpart B, class A
- FCC rules 47 CFT part 15 subpart C, class B
- IEC 60601-1-2
- CISPR 11, class A
- CISPR 22, class A
- IEC 61000-4-3
- IEC 61000-4-4
- IEC 61000-4-5
- IEC 61000-4-6
- IEC 61000-3-2
- IEC 61000-3-3
- IEC 61000-4-11
- ETSI 300330
- GB9254-1998 (Class A)
- GB17625.1-2003

The DRYSTAR 5302 carries the FCC ID: HPL5366, CE, TUV, cULus and CCC label.

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