




Optical Media 4.7 GB DVD-R Specification

Model: 907CK50-IW-MD

Production code: 9077E3RCON004

Directive 93/44/ECC and DICOM Compliance

CE/2013/72799

Title: Optical Media Specification – 4.7 GB DVD-R (General) 16X-SPEED DVD-R		
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Quality Assurance Division / Ritek Corporation		

RiTEK	Conrexx
Prepared by: Jack Cheng / QA Engineer	
Reviewed by: Mars Cheng / QA Division, IPQC Deputy Section Superintendent Cash Huang / QA Division, IPQC Section Superintendent	
Approved by: Jason Cheng / QA Director, Division Manager, QA Division	

1. Disc Specification

1.1 Dimensions and Optical Characteristic

Item	Specification	Remarks	Instrument
Outer diameter of disc	120.0±0.3 mm	Measured at 23±2°C and 50±5%RH	Micrometer
Disc weight	13g to 20g		Precision Balance
Inner Diameter	15.0+0.15,-0 mm	Measured at 23±2°C and 50±5%RH	Gauge
Shape	Cylindrical		
Clamping area (D: diameter)	22<D<33 mm		Micrometer
Thickness of a disc	1.2 +0.3,-0.06 mm		
Thickness of a disc in the clamping area	1.2+0.2,-0.1mm		
Starting diameter of the Data area	48.0 +0.0-0.2 mm	Measured at 23±2°C and 50±5%RH	DVD-CATS
Max outer diameter of the Data area	< 116 mm	Measured at 23±2°C and 50±5%RH	
Starting diameter of the Lead in area	45.2 mm max	Measured at 23±2°C and 50±5%RH	
Track Pitch	0.74±0.01 um	In program area and lead in/out area	
Tangential tilt	±0.30deg		Dr. Schenk
Radial tilt	±0.80deg		
Refractive index of transparent substrate	1.55±0.1		
Birefringence	100nm max	Double pass	

1.2 Mechanical Characteristic

Item	Specification	Remarks	Instrument
Radial run-out	<70um		DVD-CATS
Axial deviation	±0.15mm		Dr. Schenk
Dynamic imbalance	<0.0025gm		Sony DUC-10

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1.3 Unrecorded Characteristic

Item	Specification	Remarks	Instrument
PPb	0.22~0.44		DVD-EXPERT
LPPb	0.18~0.28		
WOCNRb	>35dB		
NWO	0.06~0.12		
BLERb	<3%		

1.4 Recorded Characteristic

Item	Specification	Remarks	Instrument
I3/I14(Resolution)	>0.15	Writing by BENQ DW-1640	DVD-CATS
I14/I14H(I14Modulation)	>0.6		
PI error (max)	<280		
POF	=0		
Bottom Jitter	<10% (1)		
Reflectivity	45~85%		

(1) The book spec of bottom jitter is '<8%', but this spec is defused by playability data.

1.5 Pre-recorded Characteristic

Item	Specification	Remarks	Instrument
PI error (max)	<=280		DVD-EXPERT

1.6 MID Information----RITEKF1

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2. Printing and Packaging specification

General SKU information

9077E3RCON004-V01

	D-R47G 16X,CON_Medical,50CK/600C,IW,115+	版本	1	Issuing Date	2015/03/26																				
 	<p>1. Cake Plate 上蓋</p> <p>2. spacer (墊片)*1</p> <p>3. Disc*50pcs 碟片*50pcs</p> <p>4. Substrates (透明蓋板)</p> <p>5. Cake Holder 底座 灰色</p>	 	<p>8. Separator 隔板 每箱 12 Cake,共 600PCS (12 cakes per carton)</p> <p>9. Carton 外箱 600pcs</p> <p>10. 錘德灰色標籤 Gray Ritek Label 側裝右下(請依 P4 <i>connext</i> 指定印製) 加 MADE IN TAIWAN</p>																						
<p>碟片與上蓋有間隙時，需要加墊片到沒有間隙</p> <p>6. 由 PVC 膜收縮上下空 Shrinking by shrink bag.</p> <p>7. Sticker 貼紙 *1 貼於側面 OPP 上</p>		<p>棧板上方加一張 棧板紙</p>	<table border="1"> <thead> <tr> <th>CARTON SIZE (mm)</th> <th>PCS/CTN</th> <th>N.W/CTN (kg)</th> <th>G.W/CTN (kg)</th> <th>G.W/PLT (kg)</th> </tr> </thead> <tbody> <tr> <td>445*300*202</td> <td>600</td> <td>10.5</td> <td>11.1</td> <td>405.5</td> </tr> </tbody> </table>	CARTON SIZE (mm)	PCS/CTN	N.W/CTN (kg)	G.W/CTN (kg)	G.W/PLT (kg)	445*300*202	600	10.5	11.1	405.5	<table border="1"> <thead> <tr> <th>PALLET SIZE (cm)</th> <th>黃藍棧板</th> <th>CTN per layer</th> <th>PLT layer</th> <th>CTN/PLT</th> </tr> </thead> <tbody> <tr> <td>115*95*13.5</td> <td>Yellow and Blue Pallet</td> <td>7</td> <td>5</td> <td>35</td> </tr> </tbody> </table>	PALLET SIZE (cm)	黃藍棧板	CTN per layer	PLT layer	CTN/PLT	115*95*13.5	Yellow and Blue Pallet	7	5	35	
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RITEK confidential	Approved by: 邱秀雲	Checked by: 林育嫻	Prepared by: 陳文賢																						

Disc printing :

9077E3RCON004-V01

	80731X5CON001 inkjet white printable
白底 23.5~117.5 PRINTABLE 22~118.5	

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Pack label :

9077E3RCON004-V01

RITEK

70760BCON0055

100mm

R2

Inkjet White Medical

16X DVD-R

4.7GB/120MIN pr. area 23~118 mm

Cake 50

For Professional Use

Directive 93/44/ECC and DICOM Compliance
CE /2013/72799

✱

907CK50-IW-MD

8 1717202 1995899

60mm

Carton Box :

9077E3RCON004-V01

RITEK

7074DBCON0006

百禾紙業有限公司

紙箱式樣書

CARTON SPECIFICATION

NO. bali
DATE 2015.03.25 **BH153030**

客戶(Customer)

外型尺寸(Out size) **445X300X202 mm**

製作尺寸(make size) **440X295X192mm**

結構(Structure) 5 層(layers) AB 帶(banded)

面紙顏色(Surface Color) 黃 印刷顏色(Print Color) 387C 藍色

料號(Material) **7074DBCON0006**

名稱(Name) 數量(Qty) (corrugated) 尺寸(size)

一長二短扁紙 1 組 B 420X155
288X155

相關配件(Assembly)

RITEK

Inkjet White Medical

16X DVD-R

4.7GB/120MIN pr. area 23~118 mm

For Professional Use **Cake 50**

BY Corerex Technology BV

Fragile

Handle With Care
Vorsichtig Handhaben
Traiter Avec Precaution
Manipule Con Cuidado

RITEK

Hand With Care
Handle With Care
Handle With Care
Handle With Care

Fragile

7074DBCON0006
440X295X192

RITEK

Inkjet White Medical

16X DVD-R

4.7GB/120MIN pr. area 23~118 mm

For Professional Use **Cake 50**

BY Corerex Technology BV

RITEK

Inkjet White Medical

16X DVD-R

4.7GB/120MIN pr. area 23~118 mm

For Professional Use **Cake 50**

BY Corerex Technology BV

RITEK