

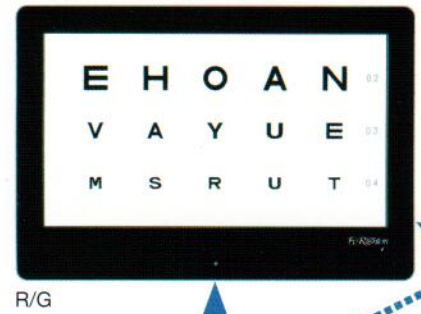
Righton's LCD R/G chart 24 inch (model RG24 RT)

(Select the chart according to your test.)

	TYPE A	TYPE B	TYPE C	TYPE D	Selective chart by key
Indication	Decimal	Decimal/LogMar	20 / 20	6 / 6	
Area	Europe	Universal	USA	UK	
X.C. Line					
Dots					
Red/Green					
Astigmatic dial					
Binocular balance					
Binocular RG					
Shober					
Muscle balance					
Cross					
Aniseiconia (V)					
Aniseiconia (H)					
Vertical line					
Horizontal line					
Cyclotropia					
Fixation point					
Worth's Dots					
Differentiated st					
Stereoscopic					
ETDRS					
ISHIHARA*					

* ISHIHARA can be selected only by Table Pad.

Regular grade



R/G

How to order the VA chart

1. Select your VA indication from Decimal, LogMAR, 20/20 or 6/6.
2. Check your favorite picture chart (see left).
3. Check indication table on the back of the page.
4. Place an order by type and either R/G or POLA chart.



RV-II Table Operation (Table Pad)

Unique se
with eithe
or Rem

Features

- 24-inch large monitor
- The charts on the left can be operated and synchronized with the RV-II-combined Remote Controller and Table Pad.
- Selectable test distance (1.5 – 8 m).
- There are two children's charts to choose from: The Allen chart and the standard children's chart.

Standard chart sample



Allen chart sample



- Over R/G is possible.
- Regular TV stand can be used.

VA chart

VA	Type A	Type B	Type C	Type D
	Decimal	Decimal/LogMAR	20/20	6/6
	Europe	Universal	USA	UK
Letter		S D H E C T P V K N X U B F R		
Number		5 2 9 0 4 8 0 6 3 5 3 9 5 8 2		
Tumbling E		Ξ E Ξ E Ξ m e e e e w e e e e		
Landolt		C O C C O o o o o o o o o c o		
Children (standard)				
Children (Allen)				

The table on the back page shows available VA types (from A to D). All types have the same VA charts as above.

LCD VA tables

Can be operated by RV-II-combined remote control or the Table Operation (Table Pad).

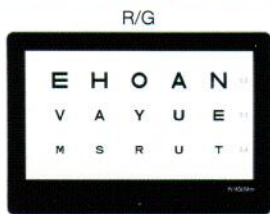
Righton's LCD R/G chart 24 inch (model RG24 RT)

VA chart	TYPE A		TYPE B		TYPE C		TYPE D	
	Decimal		Decimal / LogMar		20 / 20		6 / 6	
	LETTER		LETTER		LETTER		LETTER	
	NUMBER		NUMBER		NUMBER		NUMBER	
	E		E		E		E	
	Landolt		Landolt		Landolt		Landolt	
	Table Pad	Controller	Table Pad	Controller	Table Pad	Controller	Table Pad	Controller
	0.04		0.032		400	400	120	120
	0.05	0.05	0.04		300		90	
	0.06		0.05	0.05	200	200	60	60
0.08		0.063		150 / 100	150 / 100	45 / 30	45 / 30	
0.1	0.1	0.08		80 / 70 / 60	80 / 70 / 60	24 / 21 / 18	24 / 21 / 18	
0.15	0.15	0.1	1.0	50 / 40 / 30	50 / 40 / 30	15 / 12 / 9	15 / 12 / 9	
0.2 / 0.3 / 0.4	0.2 / 0.3 / 0.4	0.125 / 0.16	0.125 / 0.16	25 / 20 / 15	25 / 20 / 15	7.5 / 6 / 4.5	7.5 / 6 / 4.5	
0.5 / 0.6 / 0.7	0.5 / 0.6 / 0.7	0.2 / 0.25	0.2 / 0.25	20 / 15 / 10	20 / 15 / 10	6 / 4.5 / 3	6 / 4.5 / 3	
0.8 / 0.9 / 1.0	0.8 / 0.9 / 1.0	0.32 / 0.4 / 0.5	0.32 / 0.4 / 0.5					
1.2 / 1.5 / 2.0	1.2 / 1.5 / 2.0	0.63 / 0.8 / 1.0	0.63 / 0.8 / 1.0					
		1.25 / 1.6 / 2.0	1.25 / 1.6 / 2.0					
Standard		Standard		Standard		Standard		
Allen		Allen		Allen		Allen		
Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	
0.1		0.1		200		60		
0.2		0.125		100		30		
0.3 / 0.4 / 0.5		0.2		80 / 60		24 / 18		
0.6 / 0.7 / 0.8		0.25 / 0.32 / 0.4		50 / 40 / 30		15 / 12 / 9		
0.9 / 1.0 / 1.0		0.5 / 0.63 / 0.8		25 / 20 / 20		7.5 / 6 / 6		
		0.8 / 1.0 / 1.0						

Righton's LCD POLA Chart 24 inch (model L40P24)

VA chart	TYPE A		TYPE B		TYPE C	
	Decimal		Decimal / LogMar		20 / 20	
	LETTER		LETTER		LETTER	
	NUMBER		NUMBER		NUMBER	
	E		E		E	
	Landolt		Landolt		Landolt	
	Table Pad	Controller	Table Pad	Controller	Table Pad	Controller
	0.04		0.032		400	400
	0.05	0.05	0.04		300	
	0.06		0.05	0.05	200	200
0.08		0.063		150 / 100	150 / 100	
0.1	0.1	0.08		80 / 70 / 60	80 / 70 / 60	
0.15	0.15	0.1	0.1	50 / 40 / 30	50 / 40 / 30	
0.2 / 0.3 / 0.4	0.2 / 0.3 / 0.4	0.125 / 0.16	0.125 / 0.16	25 / 20 / 15	25 / 20 / 15	
0.5 / 0.6 / 0.7	0.5 / 0.6 / 0.7	0.2 / 0.25	0.2 / 0.25	20 / 20 / 15	20 / 20 / 15	
0.8 / 0.9 / 1.0	0.8 / 0.9 / 1.0	0.32 / 0.4 / 0.5	0.32 / 0.4 / 0.5	20 / 15 / 10	20 / 15 / 10	
1.0 / 1.0 / 1.2	1.0 / 1.0 / 1.2	0.63 / 0.8 / 1.0	0.63 / 0.8 / 1.0	20 / 15 / 10		
1.2 / 1.5 / 2.0	1.2 / 1.5 / 2.0	1.0 / 1.0 / 1.25	1.0 / 1.0 / 1.25			
1.2 / 1.5 / 2.0		1.25 / 1.6 / 2.0	1.25 / 1.6 / 2.0			
		1.25 / 1.6 / 2.0				
Pigassou		Pigassou		Pigassou		
Zanlonghi Sander		Zanlonghi Sander		Zanlonghi Sander		
Osterberg		Osterberg		Osterberg		
Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	
0.1		0.1		200		
0.2		0.125		100		
0.3 / 0.4 / 0.5		0.2		80 / 60		
0.6 / 0.7 / 0.8		0.32 / 0.4		50 / 40 / 30		
0.9 / 1.0 / 1.0		0.5 / 0.63 / 0.8		25 / 20 / 20		
		0.8 / 1.0 / 1.0				

Righton LCD charts are also available as stand-alone units. Exclusive remote control always comes with the main body.



R/G



Exclusive Single Remote Controller



POLA



Exclusive Single Remote Controller

VA chart	TYPE D		TYPE E		TYPE F	
	6 / 6		Decimal		Decimal / LogMar	
	LETTER		LETTER		LETTER	
	NUMBER		NUMBER		NUMBER	
	E		E		E	
	Landolt		Landolt		Landolt	
	Table Pad	Controller	Table Pad	Controller	Table Pad	Controller
	120	120	0.04		0.032	
	90		0.05	0.05	0.04	
	60	60	0.06		0.05	0.05
45 / 30	45 / 30	0.08		0.063		
24 / 21 / 18	24 / 21 / 18	0.1	0.1	0.08		
15 / 12 / 9	15 / 12 / 9	0.15	0.15	0.1	0.1	
7.5 / 6 / 4.5	7.5 / 6 / 4.5	0.2 / 0.3 / 0.4	0.2 / 0.3 / 0.4	0.125 / 0.16	0.125 / 0.16	
6 / 6 / 4.5	6 / 6 / 4.5	0.5 / 0.6 / 0.7	0.5 / 0.6 / 0.7	0.2 / 0.25	0.2 / 0.25	
6 / 4.5 / 3	6 / 4.5 / 3	0.8 / 0.9 / 1.0	0.8 / 0.9 / 1.0	0.32 / 0.4 / 0.5	0.32 / 0.4 / 0.5	
6 / 4.5 / 3		1.0 / 1.0 / 1.2	1.0 / 1.0 / 1.2	0.63 / 0.8 / 1.0	0.63 / 0.8 / 1.0	
		1.2 / 1.5 / 2.0	1.2 / 1.5 / 2.0	1.0 / 1.0 / 1.25	1.0 / 1.0 / 1.25	
		1.2 / 1.5 / 2.0		1.25 / 1.6 / 2.0	1.25 / 1.6 / 2.0	
				1.25 / 1.6 / 2.0		
Pigassou		Pigassou		Pigassou		
Zanlonghi Sander		Zanlonghi Sander		Zanlonghi Sander		
Osterberg		Osterberg		Osterberg		
Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	Table Pad / Controller	
60		0.1		0.1		
30		0.2		0.125		
24 / 18		0.3 / 0.4 / 0.5		0.2		
15 / 12 / 9		0.6 / 0.7 / 0.8		0.32 / 0.4		
7.5 / 6 / 6		0.9 / 1.0 / 1.0		0.5 / 0.63 / 0.8		
				0.8 / 1.0 / 1.0		

Children chart

Specifications

RG24 RT

Model	RG24 RT
LCD type	24-inch IVO TFT LCD / optical polarizing glass type
Resolution	1920 x 1080 pixels
Chart window size	(H) 293.2 x (W) 521.3 mm
Brightness	Max. 250 cd/m ² (Volume buttons to adjust brightness)
View distance	1.5 - 8 m (0.25 steps)
Memory type	IDE type Flash Disk Module 4G
Power source	DC 12V = 5.0A (Power Adapter)
Power consumption	Less than 60W
Communication	Wireless: IRDE communication Wired: RS232 communication
Dimensions / Weight	621 (W) x 428 (H) x 76 (D) mm / 12 kg
Dimensions / Weight (Remote control)	69.5 (W) x 235.5 (H) x 26 (D) mm / 200g
Data interface	USB, RS232

A regular 24-inch TV stand can be used. Please purchase from a local dealer.

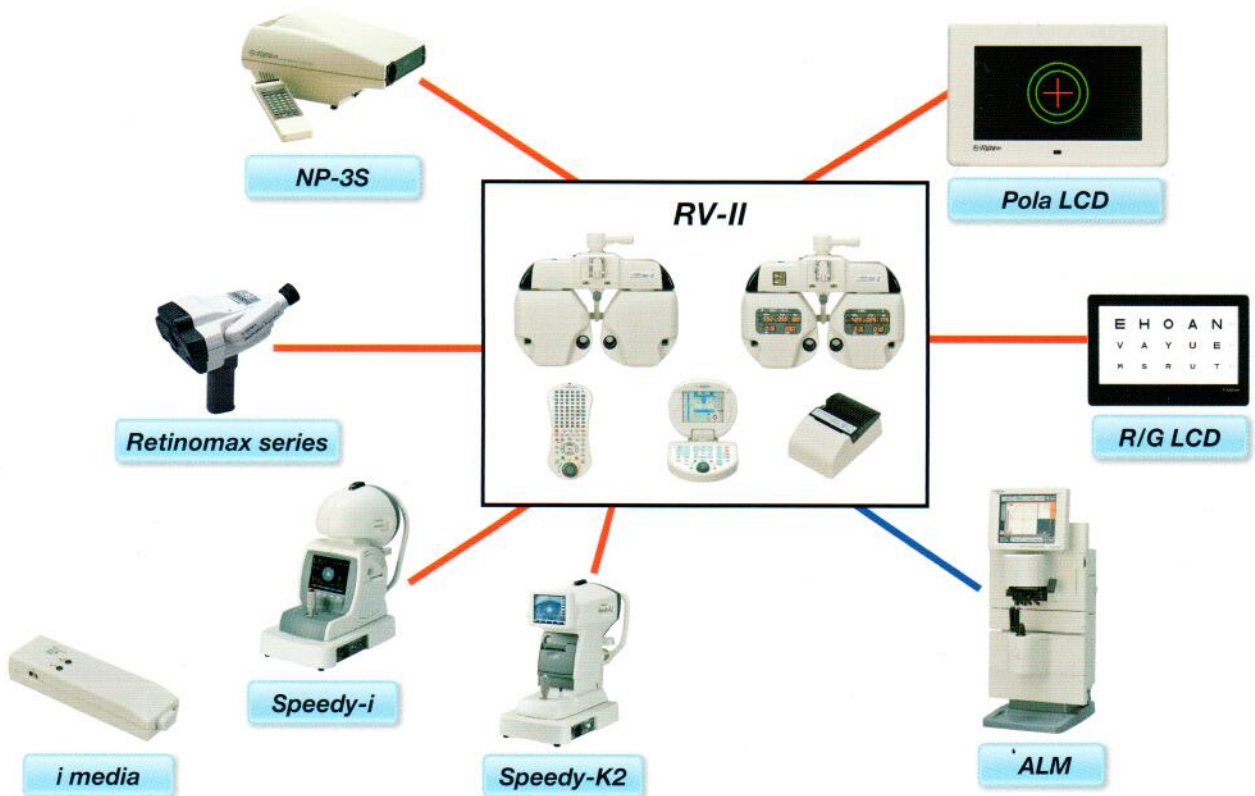
L40P24

Model	L40P24
Screen type	LCD 1920 x 1080 pixels
Size	24"
Maximum contrast	1000:1
Typical luminosity	300 cd/m ²
Reading distance	2 to 8 meters
L40P 24 power supply	100/240 V - 50/60 Hz
Screen power supply	12 V DC
Consumption	60 W
Protection against electric shocks	Class I
Size	70 (W) x 465 (H) x 695 (L) mm
Weight	8 kg
Connections with phor optors	RS232-C (L90) or IR (Remote Vision)
Sound output	Embedded speakers

Remote control

Power supply	LR6 AA 1.5V batteries (x2)
Dimensions	55 (W) x 35 (H) x 175 (L) mm
Weight	80 g (without batteries)

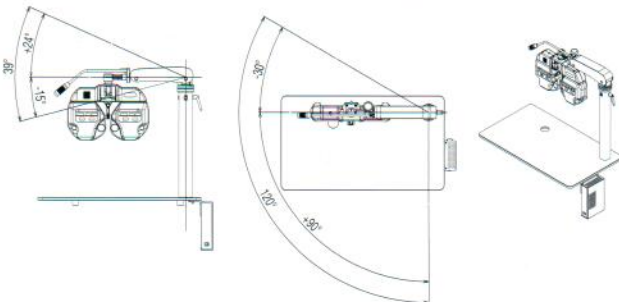
Righton standard system



For over-fence communication, etc.

— Infrared — RS232C connector

Dimensions of special table top for refractor



Specifications

- Dimensions: 780 mm (W) x 450 mm (D) x 751 mm (H) (with maximum arm angle)
- Weight: approx. 15 kg
- Operation: arm movable angle -15° to $+24^{\circ}$
arm rotation angle -30° to $+90^{\circ}$
- Can be fixed by screws



Possible to load on a power table

Dimensions and Standards

	LCD chart POLA	LCD chart R/G	Auto Lensmeter
Model	L40P24	RG24 RT	ALM ZERO
Dimensions (W x H x D)	695 x 465 x 70 mm	621 x 428 x 76 mm	205 x 455 x 249 mm
Weight	8 kg	12 kg	6 kg (13.2 lbs)
Power consumption	60W	60W	35-55VA
Standard	CE	CE	CE

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INSTRUMENTS

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WARNING:

To ensure correct usage, read all manuals carefully before using equipment

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer.
The information in this brochure is correct as of August 2014.

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