



AUTO CHART PROJECTOR

ACP-8<sub>R</sub>

NEW

Metro   
Ophthalmic

Ш Е М Э Ш 70

Е М Э Е Э 60

М Е М Э Ш 50



# VERSATILE...

## QUICK... CONVENIENT...

### FUNCTIONAL

The TOPCON ACP-8<sub>R</sub> Auto Chart Projector provides improved sharp and clear image projection and fast chart rotation. A cordless remote controller allows instant projection of the 30 AO compatible test charts at a rate of 0.03 seconds per frame. In addition, the ACP-8<sub>R</sub> can offer 3 × 5 character charts with a wide projection size (330 × 270) for fast and efficient testing.

#### Features

##### ● Two Program Settings

The ACP-8<sub>R</sub> can be programmed to project a specific sequence of charts for maximum flexibility and refraction ease. Two programs can be memorized.

##### ● Single Character Masking

The versatile masking capabilities of the ACP-8<sub>R</sub> allow projection of a single character at a time.

##### ● Easy Setup and Maintenance

Focusing setup is easily adjusted without opening the cover. It is also very easy to replace the bulb. You can replace the bulb without any adjustment.



##### ● Coupled with CV-3000

The ACP-8<sub>R</sub> can be remote controlled directly with the TOPCON Compu Vision CV-3000 remote controller. This combination allows the operator to quickly and easily access all functions for general visual examination.

##### ● Tilt Function

The horizontal axis of the projector can be adjusted to guarantee a perfectly positioned projection on the screen.

##### ● Variable Focus Lens

The variable focus lens of the ACP-8<sub>R</sub> allows the instrument to be positioned wherever it is most convenient.



80

ENH 200

SLC 150

58 40 60

FZBDE 40

94 30

OFLCT 30

6 25

APEOF

100



E 400

\*Base is handled as an optional accessory.

### H Type chart

E 400

ENH 200  
SLC 150

HBV 100  
PHT 80

VLNEA 70  
DAOFC 60  
EGNDH 50

FZBDE 40  
OFLCT 30  
APEOF 25

TZVEC 20  
OHPNT 15  
EVOTS 10

EVOTL 20  
TBGAB 20  
HNFZC 20

APLBK 25  
6 3 8 2 5 20  
ZRHCT 15

MEW 100  
WE 80

MEMEW 70  
EMEE 60  
MEMEW 50

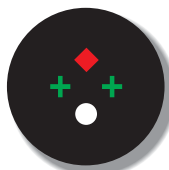
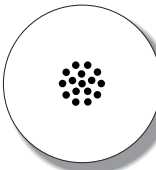
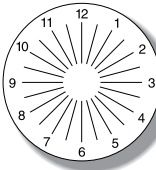
WMEW 40  
EMEW 30  
MEWEM 25

EWEM 20  
MEMEW 20  
WMEW 15

100

80  
60

40  
30  
20



PT TP  
ZN NZ  
DA AD  
TH HT

587 200  
426 150

293 100  
856 80

38452 70  
96837 60  
42576 50

93758 40  
38294 30  
53946 25

82573 20  
47836 15  
58649 10

BHAZN  
TZFHE  
VLDDP



## Technical Specifications

<b>Refracting distance:</b>	2.9 to 6.1 m
<b>Variable focus projection distance:</b>	2.9 to 7.1 m
<b>Projection magnification:</b>	30x (in 5m refraction)
<b>Projection size:</b>	330 x 270mm, $\phi$ 300mm
<b>Number of charts:</b>	30
<b>Chart change-over:</b>	1 frame/0.03 sec.
<b>Number of masks:</b>	Open 1, Horizontal line 5, Vertical line 8, Single isolation 21, R & G 1
<b>Mask change-over:</b>	1 frame/0.02 sec.
<b>Program step:</b>	2 type, Max. 30 steps available
<b>Projection lamp:</b>	12v 50w (Halogen lamp)
<b>Automatic shut-off:</b>	After 10 minutes
<b>Electricity:</b>	AC 120, 220, 230 or 240V, 50/60Hz
<b>Power consumption:</b>	80VA
<b>Dimensions:</b>	226 (W) x 300 (D) x 245 (H)mm *including Base height
<b>Weight:</b>	6.0kgs

### Standard Accessories

- **Polarized Metal Screen**  
(21.7" x 17.7"  
with non-glare finish)



### Optional Accessories

- **Wall Mount Bracket**
- **Base**



\*Subject to change in design and/or specifications without advanced notice.

#### IMPORTANT

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

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