

ACP-8

Auto chart projector



Versatile
Quick
Convenient
Functional



Auto chart projector ACP-8

The Topcon ACP-8 auto chart projector provides improved sharp and clear image projection and fast chart rotation.

A cordless remote controller allows instant projection of the 30 test charts at a rate of 0.03 seconds per frame.

In addition, the ACP-8 Chart Projector offers 3 x 5 character charts with a wide projection size (330 x 270) for fast and efficient testing.

Connectivity with CV-5000

The ACP-8 can be used as a stand alone set up, using a dedicated remote controller, and can be used as well in combination with a Topcon automated phoropter, the CV-5000. The CV-5000 can control the ACP-8 chart projector directly, using the KB-50S controller or CV-software on an external PC.

This combination allows the operator to use the ACP-8 in a highly efficient way.

Program settings

The ACP-8 can be programmed to project a specific sequence of charts for maximum flexibility and refraction ease.

Single character masking

The versatile masking capabilities of the ACP-8 allows projection of a single character at a time.



Chart selection

A type

K 0.05	DEC 0.1 HON 0.16	TKPEB 0.2 ARFSH 0.3 CNDTZ 0.4	KOZFT 0.5 PVHAD 0.6 RZCNB 0.7	VSHEL 0.8 APFCB 0.9 RDZTG 1.0	HKNST 1.2 QVEFG 1.5 DACZR 2.0	
	5 0.1 3 4 0.2 2 9 0 0.3 0 9 2 0.4	Э М Ш 0.1 М Э Ш 0.2	Е М Э В 0.3 М Э М Э 0.4 Е Э В М 0.5	Э В М Ш 0.6 Ш Э М Э 0.7 М Э Э М 0.8	4 5 8 0.1 2 9 3 0.2	5 4 3 6 7 0.3 6 8 2 9 4 0.4 3 2 8 6 5 0.5
2 8 5 6 3 0.6 9 3 4 2 7 0.7 5 6 9 8 4 0.8	9 4 5 2 7 1.0 6 8 3 4 9 1.2 5 9 2 8 3 1.5	0.1	0.2 0.3	0.4 0.5 0.6	0.7 0.8 1.0	
	PHOE SZDA RNCF					

ACP-8 (type EM) is available with one of the following charts:

- | A-type
- | IS-type
- | B-type
- | F-type

Easy set up and maintenance

It is very easy to replace the bulb. You do not need to adjust the position and focus of the bulb after replacement.

Tilt function

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

IS type

0.1	0.125	0.16	0.2	0.25	0.32
0.4	0.5	0.63	0.7	0.8	1.0
1.25	1.6	2.0	2.5	3.2	4.0
8 0.05	5 9 2 0.1 6 3 8 0.125	3 6 5 0.16 8 2 9 0.2	2 3 5 8 6 0.25 6 9 3 2 8 0.32 9 2 5 6 3 0.4	3 8 9 6 5 0.5 5 9 6 8 2 0.63 9 5 8 3 6 0.8	
6 3 5 8 9 1.0 8 6 3 9 5 1.25 3 9 6 2 6 1.6	0.2 0.32	FN 0.1 ZPD 0.125	HRL 0.16 TOC 0.2	TDEPA 0.25 VLNEK 0.32 DAOFR 0.4	ECKHD 0.5 FZDKV 0.63 OFLCN 0.8
APEDT 1.0 TZVEA 1.25 OHPNF 1.6		2 8 9 3 8 3 5 9			

B type

E 400 120	Ш 300 90	END 200 60 SLH 150 45	HBDVA 100 30 PHTCK 30	VLNEB 20 6 DAOFP 6 18 EGDNS 15 4.5	FZBDT 12 3 OFLCV 9 2.7 APEOH 7.5 2.25
TZVFC 20 6 EHPNL 15 4.5 VEOTB 15 4.5	EVOTL 20 6 TEGAK 20 6 HSFZN 10 3	М Э М 200 60 М Э Ш 100 30	М Э М Э 80 24 М Э М Э 24 7.2 М Э М Э 60 18	Э В М Ш 50 15 Ш Э М Э 12 3.6 М Э М Э 25 7.5	Э В М Э 25 7.5 М Э М Э 25 7.5
8 5 2 200 60 6 4 3 150 45	2 9 3 8 7 100 30 7 5 4 6 2 25 7.5 3 8 5 4 9 20 6	200 60	100 30 80 24	60 18 40 12 30 9	
6 9 8 3 2 60 18 4 2 5 7 6 50 15 9 3 7 5 4 45 13.5	3 8 2 9 7 9 2.7 5 3 9 4 8 7.5 2.25 8 2 5 7 3 6 1.8				

F type

C 0.05	0.1	0.2	0.3	0.4	0.5
0.6	0.7	0.8	0.9	1.0	1.2
1.5	2.0	2.5	3.2	4.0	5.0
6.3	8.0	10.0	12.5	16.0	20.0
25.0	32.0	40.0	50.0	63.0	80.0
100.0	125.0	160.0	200.0	250.0	315.0
400.0	500.0	630.0	800.0	1000.0	1250.0
1600.0	2000.0	2500.0	3150.0	4000.0	5000.0
6300.0	8000.0	10000.0	12500.0	16000.0	20000.0
25000.0	31500.0	40000.0	50000.0	63000.0	80000.0
100000.0	125000.0	160000.0	200000.0	250000.0	315000.0
400000.0	500000.0	630000.0	800000.0	1000000.0	1250000.0
1600000.0	2000000.0	2500000.0	3150000.0	4000000.0	5000000.0
6300000.0	8000000.0	10000000.0	12500000.0	16000000.0	20000000.0
25000000.0	31500000.0	40000000.0	50000000.0	63000000.0	80000000.0
100000000.0	125000000.0	160000000.0	200000000.0	250000000.0	315000000.0
400000000.0	500000000.0	630000000.0	800000000.0	1000000000.0	1250000000.0
1600000000.0	2000000000.0	2500000000.0	3150000000.0	4000000000.0	5000000000.0
6300000000.0	8000000000.0	10000000000.0	12500000000.0	16000000000.0	20000000000.0
25000000000.0	31500000000.0	40000000000.0	50000000000.0	63000000000.0	80000000000.0
100000000000.0	125000000000.0	160000000000.0	200000000000.0	250000000000.0	315000000000.0
400000000000.0	500000000000.0	630000000000.0	800000000000.0	1000000000000.0	1250000000000.0
1600000000000.0	2000000000000.0	2500000000000.0	3150000000000.0	4000000000000.0	5000000000000.0
6300000000000.0	8000000000000.0	10000000000000.0	12500000000000.0	16000000000000.0	20000000000000.0
25000000000000.0	31500000000000.0	40000000000000.0	50000000000000.0	63000000000000.0	80000000000000.0
100000000000000.0	125000000000000.0	160000000000000.0	200000000000000.0	250000000000000.0	315000000000000.0
400000000000000.0	500000000000000.0	630000000000000.0	800000000000000.0	1000000000000000.0	1250000000000000.0
1600000000000000.0	2000000000000000.0	2500000000000000.0	3150000000000000.0	4000000000000000.0	5000000000000000.0
6300000000000000.0	8000000000000000.0	10000000000000000.0	12500000000000000.0	16000000000000000.0	20000000000000000.0
25000000000000000.0	31500000000000000.0	40000000000000000.0	50000000000000000.0	63000000000000000.0	80000000000000000.0
100000000000000000.0	125000000000000000.0	160000000000000000.0	200000000000000000.0	250000000000000000.0	315000000000000000.0
400000000000000000.0	500000000000000000.0	630000000000000000.0	800000000000000000.0	1000000000000000000.0	1250000000000000000.0
1600000000000000000.0	2000000000000000000.0	2500000000000000000.0	3150000000000000000.0	4000000000000000000.0	5000000000000000000.0
6300000000000000000.0	8000000000000000000.0	10000000000000000000.0	12500000000000000000.0	16000000000000000000.0	20000000000000000000.0
25000000000000000000.0	31500000000000000000.0	40000000000000000000.0	50000000000000000000.0	63000000000000000000.0	80000000000000000000.0
100000000000000000000.0	125000000000000000000.0	160000000000000000000.0	200000000000000000000.0	250000000000000000000.0	315000000000000000000.0
400000000000000000000.0	500000000000000000000.0	630000000000000000000.0	800000000000000000000.0	1000000000000000000000.0	1250000000000000000000.0
1600000000000000000000.0	2000000000000000000000.0	2500000000000000000000.0	3150000000000000000000.0	4000000000000000000000.0	5000000000000000000000.0
6300000000000000000000.0	8000000000000000000000.0	10000000000000000000000.0	12500000000000000000000.0	16000000000000000000000.0	20000000000000000000000.0
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6300000000000000000000000.0	8000000000000000000000000.0	10000000000000000000000000.0	12500000000000000000000000.0	16000000000000000000000000.0	20000000000000000000000000.0
25000000000000000000000000.0	31500000000000000000000000.0	40000000000000000000000000.0	50000000000000000000000000.0	63000000000000000000000000.0	80000000000000000000000000.0
100000000000000000000000000.0	125000000000000000000000000.0	160000000000000000000000000.0	200000000000000000000000000.0	250000000000000000000000000.0	315000000000000000000000000.0
400000000000000000000000000.0	500000000000000000000000000.0	630000000000000000000000000.0	800000000000000000000000000.0	1000000000000000000000000000.0	1250000000000000000000000000.0
1600000000000000000000000000.0	2000000000000000000000000000.0	2500000000000000000000000000.0	3150000000000000000000000000.0	4000000000000000000000000000.0	5000000000000000000000000000.0
6300000000000000000000000000.0					

Specifications

Refracting distance	2.9 to 6.1 m
Projection magnification	30x (in 5 m refraction)
Projection size	330 x 270 mm, Ø 300 mm (in 5 m refraction)
Number of charts	30
Chart change-over	1 frame / 0.03 sec
Number of masks	Open 1, Horizontal line 5, Vertical line 8, Single isolation 21, R/G 1
Mask change-over	1 frame / 0.03 sec
Program step	2 types, max 30 steps available
Projection lamp	12V, 50W (halogen lamp)
Automatic shut-off	After 10 min
Electricity	AC 120, 220, 230 or 240V, 50/60 Hz
Power consumption	80 VA
Dimensions	226 mm (W) x 300 mm (D) x 245 mm (H) *Including base height
Weight	6.0 kg
Charts availability	A B F IS
Masking	Yes
IR connection	Yes
Remote controlled	Yes

Standard accessories



Projection metal screen
(21.7 x 17.7 inch with non-glare finish)

Optional accessories



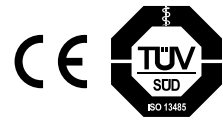
Wall mount bracket



Base

IMPORTANT

Subject to change in design and/or specifications without advanced notice.
In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.
Medical device Class I. Manufacturer: Topcon Corporation.



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