

Slides for Professional Testing Model

Seldom, if ever before, in the history of vision testing has such a high degree of accuracy been achieved in the preparation of test slides. The painstaking selection of the subject material, its precise calibration and accurate photographic reproduction assure standards of test-retest reliability, quality, stability and permanence.

Three sections of tests are provided with the Professional Model Vision Tester.

1. The Michigan Pre-School Test slides provide an effective and unique approach in testing visual acuity of children from 3½ years of age through grade 1.
2. The Massachusetts Vision Test can be administered quickly with dependable, valid results to elementary school pupils as well as older children.
3. The Adult Series provide an excellent method of screening secondary school children and adults. This group has been approved by the FAA for aeromedical examinations.

The order in which the slides are arranged was carefully designed to: (1) test the most basic function, visual acuity, (2) put the subject at ease by starting with an easily understood test and (3) provide clues to the administrator as to difficulties the subject might encounter at later stages in the test battery.

Scoring the Record Form

- (1) Print subject's full name and address.
- (2) Indicate whether the subject is wearing glasses or contact lenses.
- (3) Give subject age in years.
- (4) Fill in the date.

Group I—Pre-School Test:

Simply insert a check in the appropriate column (PASS or FAIL) for the individual test.

Group II—Elementary Grades:

Acuity FAR—Record the specific acuity level. Example: If subject was able to read line D with the right eye he would demonstrate a 20/20 in the test result column on the record form. If when you tested the left eye he was only able to pass line B, the subject would be demonstrating a 20/40 acuity. You would record 20/40 in the test result column.

Excessive Farsightedness—Record a check in the appropriate PASS or FAIL column.

Muscle Balance—Record a check in the appropriate PASS or FAIL column.

Color Perception—Record a check in the appropriate PASS or FAIL column.

Group III—Adult:

Acuity FAR—Record the specific acuity level indicated by the test. Example: If the subject passes line 7 of the HK column he has demonstrate 20/20 acuity for his right eye. You would record 20/20 as shown on the record form. The same procedure is used for the left eye using the ZN column, and both eyes using the RO column.

Color Perception—Record a check in the appropriate column.

Phoria—Circle the appropriate number to indicate the subject's response.

Acuity NEAR—Use the same procedure as indicated for FAR acuity.

RECORD FORM for TITMUS VISION TESTER — PROFESSIONAL MODEL

NAME _____

DATE _____

ADDRESS _____

WEARING GLASSES YES NO
 CONTACT LENSES YES NO

AGE _____

RIGHT EYE

	20/200	20/100	20/70	20/50	20/40	20/30	20/20
PILOT LINE	E	m	E	3	3	W	M
	1	2	3	4	5	6	
20/50 (Blue)	A	3	E	W	3	M	W
20/40 (Red)	B	W	W	3	M	W	E
20/30 (Yellow)	C	3	M	E	E	3	W
20/20 (Green)	D	E	W	E	3	W	M

LEFT EYE

	20/200	20/100	20/70	20/50	20/40	20/30	20/20
PILOT LINE	3	W	M	3	E	3	W
	1	2	3	4	5	6	
20/50 (Blue)	A	E	W	E	3	W	M
20/40 (Red)	B	M	M	3	3	E	
20/30 (Yellow)	C	3	W	W	3	E	M
20/20 (Green)	D	E	3	W	3	M	W

PRE-SCHOOL TEST					
20/20, 20/30, 20/40, 20/50, 20/70, 20/100					
(Circle Acuity Level at which You are Testing) Must Read All Pictures Correctly					
LENS LEVER AT FAR			TO WHICH PICTURE DO TABLE LEGS POINT?		
RIGHT EYE TEST		PASS	FAIL	LEFT EYE TEST	
Left Switch at OFF				Right Switch at OFF	
DIAL AT #2	BIRD			DIAL AT #4	BOY
DIAL AT #3	RABBIT			DIAL AT #3	GIRL
DIAL AT #4	BOY			DIAL AT #2	RABBIT
DIAL AT #1	BINOCULARITY SLIDE			BOTH SWITCHES ON	3 W E

ELEMENTARY GRADE TESTS			
ACUITY - FAR POINT • LENS LEVER AT FAR		4 OUT OF 6 = PASS	TEST RESULT
DIAL AT #5	RIGHT EYE	LEFT EYE SWITCH OFF	20/
DIAL AT #5	LEFT EYE	RIGHT EYE SWITCH OFF	20/
TEST FOR EXCESSIVE FARSIGHTEDNESS • PLUS LENS • FAR POINT (Insert Plus Lens Unit)			PASS FAIL
DIAL AT #5	LEFT EYE	RIGHT EYE SWITCH OFF	
DIAL AT #5	RIGHT EYE	LEFT EYE SWITCH OFF	
(WITHDRAW PLUS LENS UNIT) A READING OF 20/30 OR 20/20 LINE THROUGH PLUS LENS = FAIL			
MUSCLE BALANCE TEST - FAR POINT • LENS LEVER AT FAR			PASS FAIL
(1) DIAL AT #6	LEFT EYE SWITCH OFF	(EXPLAIN SANDBOX)	
(2) DIAL AT #6	RIGHT & LEFT SWITCH ON	(RED BALL IN SANDBOX=PASS)	
MUSCLE BALANCE TEST - NEAR POINT • LENS LEVER AT NEAR			PASS FAIL
DIAL AT #8	BOTH SWITCHES REMAIN AT ON	(RED BALL STILL IN SANDBOX=PASS)	

SECONDARY SCHOOL AND ADULT TEST				
DIAL AT #9	ACUITY FAR	RIGHT EYE 20/	LEFT EYE 20/	BOTH EYES 20/
DIAL AT #7	COLOR PERCEPTION FAR	1 E 2 3 3 M 4 W 5 M 6 3 7 W 8 E	PASS	FAIL
DIAL AT #10	LATERAL PHORIA FAR	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		
DIAL AT #11	VERTICAL PHORIA FAR	1 2 3 4 5 6 7		
DIAL AT #12	ACUITY NEAR	RIGHT EYE 20/	LEFT EYE 20/	BOTH EYES 20/

DIAL AT #9 **VISUAL ACUITY TESTS AT FAR**

	LEFT EYE	BOTH EYES	RIGHT EYE	
1	Z N	R O	H K	20/200
2	R K S	H N C	Z O D	20/100
3	H C D V	S K Z O	R N D S	20/70
4	Z R O D	N S C H	V Z K N	20/50
5	K H S C	O Z N R	D N V C	20/40
6	O N R Z V	D K H C S	K D S O N	20/30
7	S D C H N	V R Z K O	H S N R D	20/20

DIAL AT #12 **VISUAL ACUITY TESTS AT NEAR**

	LEFT EYE	BOTH EYES	RIGHT EYE	
1	S V C	N R K	H Z O	20/100
2	R N Z H	D O K V	C S Z N	20/70
3	C K V D	S N Z R	D O H C	20/50
4	V H R N	O D S K	N Z C S	20/40
5	H S K R C	N Z D O V	Z S H N K	20/30
6	Z O N V R	H C S K D	V K C D S	20/20