



INTERMEDIATE VISION TESTING

(Note that intermediate lenses are accessories and are available to purchase at an extra cost. They are not included with the standard test slide packages.)

Intermediate vision is measured between 20 and 40 inches. This is the distance at which most people work, especially those who are working on VDT (Visual Display Terminal) equipment. It is very important to insure that these people have adequate vision.

Refocusing, changing from one distance to another, can be a problem for VDT operators. A full time operator can do this over 30,000 times daily. Only near perfect vision could handle this refocusing without strain. Therefore, all employees working with visual display terminals should be screened regularly.

Younger employees with good accommodation usually have no difficulty passing these tests. Older employees who are presbyopic and have poor accommodation may need special glasses to see at the VDT working distance. Employees, who already have glasses, either single vision or bifocals, could need another prescription for the VDT working distance.

To screen these employees, measure their working distance, then choose the intermediate lens which is closed to it, 100 centimeters, 80 centimeters, 66 centimeters, 57 centimeters, or 50 centimeters. Drop the lens into the slot on top of the face plate and conduct FAR point tests #2 through #8. Take the lens out and test the subject at regular FAR point and NEAR point for a complete vision screening.

INTERMEDIATE LENSES

	INCHES	CENTIMETERS
#1	39.25	100
#2	31.48	80
#3	26.23	66.7
#4	22.49	57.1
#5	19.68	50

NOTE: When the INTERMEDIATE lens is dropped into the slot on the top of the face plate of the VISION TESTER, be certain the number that appears on the lens is facing the subject being tested.

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