



TITMUS™ V2 VISION SCREENER

PRODUCT SPECIFICATION

Sperian introduces the new Titmus VSeries Vision Screeners

Sperian set the standard for vision screening instruments in 1959 with the introduction of the OV7 model vision screener. As the market leader, Sperian has now developed the new Titmus VSeries of vision screeners. We have taken the best of TITMUSiSeries and Model 2 to create these ergonomically-designed, precision-built stereoscopic instruments providing precise and prompt measurement of visual performance. The screeners are engineered for accuracy, validity and reliability with emphasis on convenience and ease of administration.

The Titmus VSeries family of vision screening instruments features a compact, foldable, lightweight design, ergonomics for patient comfort, standardized test illumination and integrated handle for ease of transport. All models in the Titmus VSeries family combine a variety of vision screening tests to meet your vision screening requirements.



Titmus V2 – Features & Benefits

KEY FEATURES

Compact and Portable

Features a built-in handle for ease of transport. Optional carrying case with wheels available.

Ergonomics

Unique design that accommodates both adults and children, either standing or seated. Ensures patient is in a comfortable position for testing – needed for efficient and accurate testing.

Testing

Tests at 20 feet (6m) for FAR and 14 inches (35cm) for NEAR vision. A variety of tests are available to screen for visual acuity, muscle balance (horizontal and vertical phoria), depth perception, color perception, and binocular vision. Total of 16 tests per vision screener (based on slide set selected).

Fluorescent Light Source

Improves slide illumination, replicates actual daylight conditions and provides true color testing. Light will give years of extended service (10000 hours).

Built-In Membrane Switches

The instrument has a manual wheel to advance test slides and includes built-in membrane switches to occlude each eye and control peripheral vision test lights.

Foam Headrest

Soft headrest to ensure correct head position. Easy to clean.





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ADDITIONAL FEATURES

Peripheral Vision Testing

Can perform peripheral vision testing in the horizontal visual field at 85°, 70°, 55° and nasal 45° for each eye.

Intermediate or Plus Lenses (Optional)

Five additional lenses are available to identify vision problems at actual working distance (intermediate vision) of 19, 22, 26, 32 and 40 inches (50, 57, 67, 80 and 100 cm). Plus lenses with values of +1.00, +1.50, +1.75 and +2.25 are also available for testing children's vision.

TEST SLIDES AVAILABLE

Other test slide sets are also available.

Occupational: Used by Occupational Health Professionals for screening vision of adults for various job functions

Professional: Used by Family Physicians, General Practitioners for general screening of vision for both adults and children

Aeromedical: Used by Aeromedical Examiners for screening vision of pilots

Pediatric: Used by Pediatricians for general screening of vision for younger children

School: Used by Family Physicians, Pediatricians for general screening of vision for all school children

TITMUS VSERIES MODEL COMPARISON		
Model	Titmus V4	Titmus V2
Membrane Control Panel	◆	
Built-In Membrane Switches		◆
Ergonomics	◆	◆
New Fluorescent Light Source	◆	◆
Portability	◆	◆
Soft Foam Headrest	◆	◆
Head Positioning Sensor	◆	
Peripheral Vision Testing	◆	◆
Test Slide Advance/Reverse	control panel	manual
Night Vision Testing	◆	
Carrying Case	optional	optional
Standard Accessories	◆	◆

Warranty

The Titmus V2 Vision Screener has a warranty for a period of two (2) years against defects in materials and workmanship from date of purchase. Warranty includes the light module.

Standard Accessories

- 8 Test Slides made from high grade photographic film sealed between optical-quality glass
- Training Manual
- Record Forms – pad of 100 forms to record test results
- 10 Lens Cleaning Wipes
- Package of 3 Fog Eliminator Cloths
- Accessory Case for storing lens cleaning wipes, fog eliminator cloths, and lenses
- Dust Cover for instrument storage

Electrical Standards

Meets the following CE, UL, and CSA Standards.

Europe:	EN 60601-1, IEC 60601-1, 3 rd ed Class I, Annex IX of MDD 93/42/EEC
USA:	AAMI ES 60601-1
Canada:	CSA-C22.2, No. 601.1-M90 Class I Device
CB Scheme:	IEC 60601-1

Technical Data

Power Supply:	110-240 VAC, 0.4A-0.2A, 50/60 Hz
Cords:	Power cord, length 3 meters
Illumination:	Per ISO 8596 and ANSI Z80.21 Stds
Dimensions:	W X L X H units (closed condition) 11.00 X 17.00 X 7.75 inches 28 X 43 X 19 cm
Weight:	13 lbs / 6 kg
Temperature:	+50°F to +104°F (+10°C to +40°C)
Humidity:	30% to 75% (non-condensing)
Pressure:	80-106 kPa

How to select a vision screener:

STEP 1: Select Model Titmus V4 or Titmus V2 based on features & benefits, ex. Titmus V2

STEP 2: Select a slide set based on the type of testing, ex. Occupational, Professional, etc.

STEP 3: Provide the Vision Screener Model AND Slide set information to your distributor, ex. Titmus V2 Occupational



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