



TITMUSi400 Vision Screener

Select a Slide Set to form your complete instrument. Refer to SKUs and Downloads for more information.



Overview

Key Features

The innovative TITMUSi400 vision screening instrument features an ergonomic design for patient comfort, natural line-of-sight testing, membrane control panel for operation, standardized fluorescent test illumination and an integrated foldable handle for ease-of-transport.

Test Distances:

- Far (20 feet/6m)
- Near (14 inches/35cm)
- Intermediate Distance (Optional)

Recommended Industries/Use

- Medical

Regulations

- EN 60601-2 - Meets CE Standards: Europe: EN 55011 Group 1, Class A / EN 60601-2 IEC 601-1-2
- UL 2601-1 - Meets UL Standards: USA: UL 2601-1, 1st Ed. Category 355
- CSA-C22.2 - Meets CSA Standards: Canada: CSA-C22.2, No. 601.1-M90, Category 245, Class 1 Device

Historical Brand

Titmus

Warranty Information

TITMUSi400 Vision Screener

Product has a warranty for a period of three (3) years against defects in materials and workmanship from date of purchase. Warranty includes the light module.

Specifications

Operation method	Control Panel with membrane switches
Test Slide Advance/Reverse	Via control panel
Natural Line-of-Sight Testing	Yes
Comfort Height Adjustment	Yes
Electronic Pointing System	No
New Fluorescent Light Source	Yes
Portability	Built-in handle
Soft Foam Headrest	Yes
Head Positioning Sensor	Yes
Peripheral Vision Testing	Yes
Night Vision Testing	Yes
Carrying Case (soft-sided)	Optional
Power Supply	110-240 VAC, 0.4-0.2 A, 50/60 Hz
Illumination	As per ISO 8596 and ANSI Z80.21 Standards
Dimensions	W X L X H units 12.25 X 16.5 X 12.75 inches (closed condition) 31 X 42 X 32 cm (closed condition)
Weight	18 lbs/ 8.5 kg
Temperature	+50°F to +100°F (+10°C to +40°C)

Humidity	30% to 75%
Standard Accessories	<ul style="list-style-type: none"> • 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 • 3 Fog Eliminator Cloths • Accessory Case for storing lens cleaning wipes, fog eliminator cloths, and lenses • Dust Cover for instrument storage
Optional Accessories	<ul style="list-style-type: none"> • Carrying Case-soft-sided, ergonomically designed with wheels, for easy transport of vision screener • Intermediate Lenses - 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 available for testing children's vision

SKUs & Ordering Information

SKUs	Details
18168	<p>Titmusi400 TNO Occupational Model Vision Screener with tests typically used by Occupational Health Doctors/Nurses for screening employees for various job functions, DOT testing. Tests include Visual Acuity (using Landolt rings per ANSI/ISO Stds), Binocular Vision, Depth / Color Perception, Muscle Balance (horizontal/vertical) and peripheral vision.</p>
18173	<p>Titmusi400 Occupational Model Vision Screener with tests typically used by Occupational Health Doctors/Nurses for screening employees for various job functions, DOT testing. Tests include Visual Acuity (using Landolt rings/unbroken ring), Binocular Vision, Depth / Color Perception, Muscle Balance (horizontal/vertical) and peripheral vision.</p>
18810	<p>Titmusi400 Occupational (Letters) Vision Screener with tests typically used by Occupational Health Doctors/Nurses for screening employees for various job functions, DOT testing. Tests include Visual Acuity (using Snellen letters), Binocular Vision, Depth / Color Perception, Muscle Balance (horizontal/vertical) and peripheral vision.</p>
18177	<p>Titmusi400 Professional Model Vision Screener with tests typically used by Family Physicians, General Practitioners for general vision screening of adults and children. Tests include Visual Acuity (using letters/objects for adults/children), Plus Lens (children), Binocular Vision (children), Color Perception, Muscle Balance (horizontal/vertical) and peripheral vision.</p>

18178	<p>Titmusi400 Aeromedical Model Vision Screener with tests typically used by AMEs (Aeromedical Examiner), General Practitioners for testing pilots' vision. Tests include Visual Acuity (using letters), Acuity at 32", Color Perception, Muscle Balance (horizontal/vertical) and peripheral vision.</p>
18175	<p>Titmusi400 Pediatric Model Vision Screener with tests typically used by Pediatricians, General Practitioners for general vision screening of children. Tests per AAP recommendations include Visual Acuity (Michigan Preschool Test, Snellen E, Letters), Plus Lens (children), Binocular Vision, Color Perception, Muscle Balance and peripheral vision.</p>
18176	<p>Titmusi400 School Model Vision Screener with tests typically used by General Practitioners, Pediatricians for general vision screening of school children. Tests include Visual Acuity (using letters/Snellen E), Plus Lens (children), Binocular Vision, Color Perception, Muscle Balance (horizontal/vertical) and peripheral vision.</p>
18180	<p>Titmusi400 Preschool Model Vision Screener with tests typically used by General Practitioners, Pediatricians for general vision screening of preschool children. Tests include Visual Acuity (Efron Preschool Test, Snellen E, Letters), Plus Lens (children), Binocular Vision, Muscle Balance and peripheral vision.</p>
18179	<p>Titmusi400 Driver Ed Model Vision Screener with tests typically used by General Practitioners for general vision screening of drivers. Tests include Visual Acuity (Letters, Numbers), Color Identification (traffic signal), Sign Recognition, Depth Perception, Muscle Balance (horizontal/vertical) and peripheral vision.</p>

Hazardous Materials

None

Training & Proper Use

Refer to the Manuals provided with the instrument.

Additional Information

Email: info@titmus.com
 Tel: 1-800-446-1802 (US) or +1-804-452-5200 (Intl)

Technical Support

Email: info@titmus.com

Tel: 1-800-446-1802 (US) or +1-804-452-5200 (Intl)

RELATED PRODUCTS



For general inquiries
800.343.3411

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