



Depisteo VT1 Vision Screener

**Occupational Health Centers
Driving License
Optometrists
Medical Centers**



Advanced Technology for Enhanced Screening

**Automated range of devices for screening
and exploration of visual function**

www.depisteo.com

CE



Depisteo VT1 Vision Screener Range

The VT1 device is intended for occupational health services and preventive medicine specialists.

This instrument of high technology optical, electronic and computer engineering measures visual acuity and screens for visual problems.

Compact & ergonomic

lightweight and easy to transport, the VT1 offers a large range of tests. **The VT1 inclines** to adapt to the patient, rather than vice-versa. It is also inclined for transportation, and to access connection leads.

Adapted

to wearers of progressive lenses, to go from far vision to near vision effortlessly, simply by lowering eyes.

Automated

no buttons or thumb wheels. The VT1 is entirely remote-controlled, via a remote control, or by software, with the click of a mouse.

Fast & silent

Requires only a few minutes to perform a test.

Intelligent

to ensure correct facial position, a sensor lights up the tests only when the forehead is in contact with the removable forehead piece. 20 LEDs sweep **the horizontal (temporal & nasal) and vertical visual fields.**

Different acuity charts are used to prevent patients memorizing acuity tests.



Computerized or remote-controlled solutions designed for your needs

VT1 Master Edition

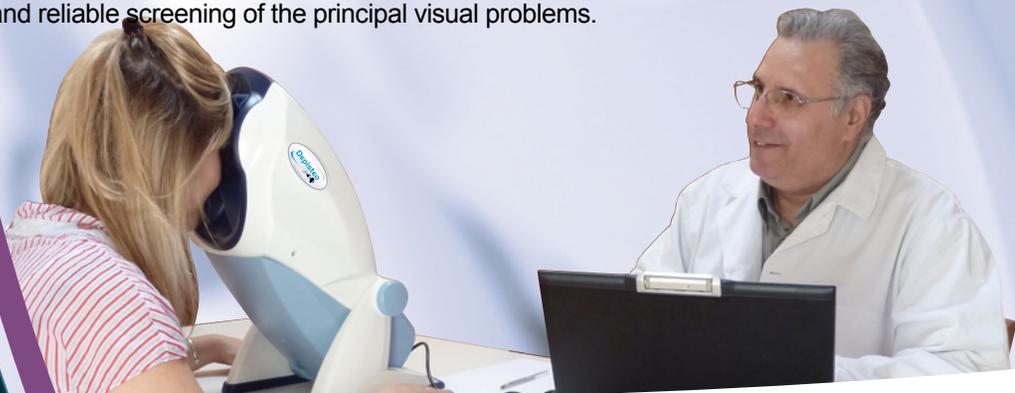
complete computerized unit to perform basic screening tests, child-specific tests, glare sensitivity and resistance tests. Also measures driving-license capacity for screening of certain professions.

VT1 Occupational Health Edition

operated by the VT1 software or by the remote control LCD screen, this model integrates and places at your disposal our entire knowledge of the visual domain. It offers all the advantages of computer engineering (data base access, programming of sequences, ergonomics and user-friendly interface). Sequences can be programmed depending on your choice or according to the Purdue Job Standards, to save time and increase user-comfort.

VT1 Essential Edition

operated by its ergonomic and user-friendly remote control «1 click 1 test», this model offers quick and reliable screening of the principal visual problems.



VTI Software: PC interface

The VT1 software pilots the instrument in USB mode. Its user-friendly, ergonomic interface ensures quick and efficient use, so as to perform tests in a few minutes. The VT1 software is designed to be customized to your test preferences.

Several parameterings are available:

- Program tests to adapt to the occupational hazards of each patient (or depending on other criteria such as the Purdue Job Standards)
- Parameter tests (optical mode, luminous intensity)
- Customize operator instructions to the patient
- Interface mode for export of medical results (Compatibility with Medgate and OHM/ Puresafety)
- Selective printing of tests *Compatibility: Windows 2000, XP, Vista, Windows7 & 8*



Compare the model and choose what is the best for you!



ACUITY

	VT1 MASTER Edition	VT1 Occupational Health Edition	VT1 ESSENTIAL Edition
LANDOLT RINGS	●	●	●
LETTERS	●	●	●
CHILDREN ACUITY	●		

SUPPLEMENTARY TESTS

	VT1 MASTER Edition	VT1 Occupational Health Edition	VT1 ESSENTIAL Edition
GLARE SENSITIVITY	●		
GLARE RESISTANCE	●		
CONTRAST SENSITIVITY	●	●	
CHILDREN VERTICAL & HORIZONTAL PHORIAS	●		
ADULT VERTICAL & HORIZONTAL PHORIAS	●	●	●
AMSLER GRID	●	●	●
ISHIHARA TYPE COLOR TEST	●	●	●
HYPEROPIA TEST	●	●	●
HORIZONTAL & VERTICAL VISUAL FIELD	●	●	●
FUSION	●	●	●
DEPTH PERCEPTION	●	●	●
ASTIGMATISM	●	●	●

FEATURES / FUNCTIONS

DISTANCE

	VT1 MASTER Edition	VT1 Occupational Health Edition	VT1 ESSENTIAL Edition
FAR VISION	●	●	●
INTERMEDIATE VISION	●	●	●
NEAR VISION	●	●	●

LUMINOSITY

	VT1 MASTER Edition	VT1 Occupational Health Edition	VT1 ESSENTIAL Edition
HIGH PHOTOPIC	●	●	●
LOW PHOTOPIC	●	●	●
MESOPIC (DUSK VISION)	●	●	

OPERATING MODE



Express invitation to read the instructions before use

Depisteo VTI vision screener range for visual service

Accuracy and flexibility of tests
to screen principal visual problems:

- Astigmatism (35% of population)
- Strabismus
- Central retinal problems : ARMD, diabetes, intoxication...
- Peripheral retinal problems:
Glaucoma, retinal detachment, brain tumors
- Cataract
- Presbyopia (from age 45)
- Inability to see at night or in foggy conditions

Accessories & Options

The Depisteo company reserves the right to modify, without prior notice, the features and performances of the VT1.

Standard Accessories

- 1 user manual
- 1 power plug
- 1 forehead piece
- 1 optical microfiber
- 1 scoring pad

Computered version

- 1 VT1 Software
- 1 license per work station
- 1 USB lead

Remote controlled version

- 1 remote control
- 1 CD containing response forms

Optional Accessories

- Transport Case
- Forehead piece



Technical features:

Warranty:	2 years
Dimensions:	19.7 x 10.6 x 9.8' / 50 x 27 x 25 cm
Weight	10.7 lbs / 4.8kg
Luminous Intensity (nominal values)	High photopic (160 candelas) Low photopic (80 candelas) Mesopic (3 candelas)
Lighting System:	16 white LEDs and diffuser system
Lenses:	Far vision: 20.0' ± 0.4' / 6.0 m ± 0.1 m Intermediate vision: 23.6' ± 0.2' / 60.0 cm ± 0.5 cm Near vision: 13.0' ± 0.1' / 33.00 cm ± 0.25 cm Hyperopia lenses: +1 diopter
Test Band:	High definition photographic film
Reactivity:	Time between 2 neighboring tests: 700 ms Time to pass from one slide to another: 1 s
Test Time:	Routine test: 3 minutes In-depth test: 5 mins
Temperature of use:	59 - 95°F (15 - 35°C)
Humidity:	75% maximum
Power supply:	12 VDC from supplied external medical plug
Power absorbed:	24 W

Conformity

Standards:	EN60601-1, EN60601-1-2, NF EN ISO 8596
Marking:	CE
Medical class:	Class I
Applied party:	Type B

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