MANUAL DEXTERITY

Rehabilitation and Return to Work

Skills Assessment

Perception

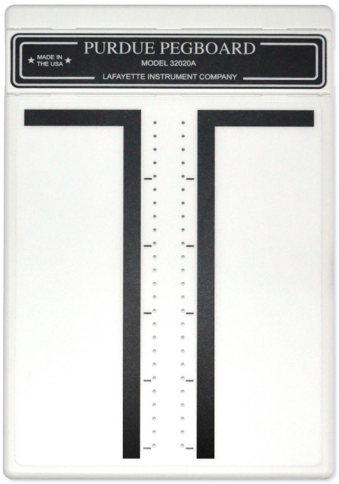
Motor Coordination

Personnel Selection and Development

Lafayette Instrument®

Purdue Pegboard™

Model 32020A



The Purdue Pegboard Test was first developed by Joseph Tiffin, Ph.D., an Industrial Psychologist at Purdue University in 1948. Since then, this device has been used extensively to aid in the selection of employees for jobs that require fine and gross motor dexterity and coordination. It measures gross movements of hands, fingers, arms, and fingertip dexterity as necessary in assembly tasks.

Intended for industrial use and assembly work in a factory setting, the test is now being studied for use in other special areas such as patients with Parkinson's, Multiple Sclerosis, Stroke sufferers, and similar illnesses. Physical and Occupational Therapists also use the Purdue Pegboard for injury rehabilitation, the test acting as a tool to obtain baseline data on a patient and documenting the progress and/or degree of disability.

Complete with the following tools

The Pegboard is equipped with pins, collars, and washers which are located in four cups at the top of the board. An examiner's manual with norms is also included for administering the test.

Replacement Models

32103 Replacement set of 55 pegs, 45 washers, and 25 collars
32107 Record blanks, 25 per package

Scan for more information on the Purdue Pegboard

Purdue Pegboard Scoring App

Lafayette Instrument is proud to unveil the Purdue Pegboard Scoring Application for Android™ and iOS. This tablet-based app is intended for use with the Lafayette Instrument Company Purdue Pegboard Test (Models 32020 and 32020A), and it assists administrators in all areas of the testing process by standardizing administration through easily set up test batteries with optionally read instructions, creating organizational norms, and keeping track of individualized data.

Visit Google Play or the iOS App Store today to download the free 12 test trial.*

* In app purchases required for extended usage.

Grooved Pegboard™

Model 32025

This manipulative dexterity test contains twenty-five holes with randomly positioned slots and pegs which have a key along one side. Pegs must be rotated to match the hole before they can be inserted.

This procedure measures performance speed in a fine motor task by examining both sides of the body. Inferences may then be drawn regarding possible lateral brain damage.

The test requires more complete visual motor coordination than most of our pegboards and has been used in several neuropsychological test batteries, in student labs, and as a screening technique in industrial environment.

The Grooved Pegboard is equipped with pegs and an examiner's manual with norms.

Replacement Model: 32104 Replacement Pegs, 32 per package

Hand Tool Dexterity Test

Model 32521

This test measures proficiency in using ordinary mechanical tools, consisting of tools and two uprights with bolts, washers, and nuts. The object is to disassemble all the bolts from one upright and reassemble them on corresponding rows of the other upright with the heads of the bolts inside.

This type of skill is important to many industrial jobs and apprentice training. Results of the test have been used to determine vocational interest and as an indicator of success where job/tasks require the use of these or similar tools.

The Hand Tool Dexterity Test is complete with examiner's manual, norms, 15/16 inch Open End Wrench, 1/2 inch Open End Wrench, 10 inch Crescent Wrench, Screw Driver, and all required Bolts, Nuts, and Washers.

Replacement Models
32521A 15/16 inch Open End Wrench
32521B 1/2 inch Open End Wrench
32521C 10 inch Crescent Wrench
32521D Screwdriver
32521E Bolts, Nuts, and Washers

Minnesota Manual Dexterity Tests

Minnesota Manual Dexterity Test
Model 32023

The Minnesota Manual Dexterity testing kit includes sixty plastic cylinders, 1 board with sixty round holes, carrying case, manual with norms, and record blanks.

The Minnesota Manual Dexterity Test consists of the following two tests:

- Placing
- Turning

Complete Minnesota Manual Dexterity Test
Model 32023A

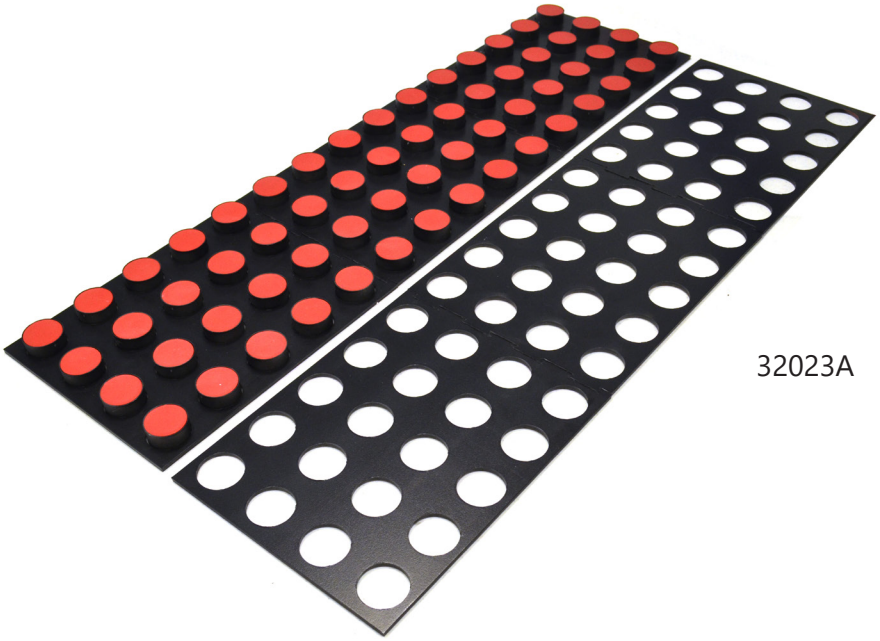
The Complete Minnesota Manual Dexterity Test kit includes 2 boards, 60 blocks, carrying case, and instruction manual with norms.

The Complete Minnesota Manual Dexterity Test consists of a battery of five tests:

- Placing
- Turning
- Displacing
- One-Hand Turning and Placing
- Two-Hand Turning and Placing

This widely used test measures capacity for simple but rapid hand-eye coordination, which is particularly applicable in shop and office occupations requiring quick movement in handling simple tools and production materials without differentiating size and shape.

Replacement Models
1-04811 Replacement Board
32031SET Replacement cylinders (complete set)
32031 Replacement cylinders (sold individually)
32032 Record blanks for 32023, 50 per package
32033 Record blanks for 32023A, 50 per package



32023A

O’Connor Finger Dexterity Test

Model 32021

The O’Connor Finger Dexterity Test requires hand placement of 3 pins per hole. It consists of 100 3/16” diameter holes that are arranged in ten rows and spaced ½ inch apart. The test is primarily used as a predictive tool wherever rapid manipulation of objects, especially the picking up and placing of small parts, is important.

The O’Connor Finger Dexterity Test is complete with board, pins, examiner’s manual, and norms.

Replacement Model: 32106 Set of Replacement Pins, 105 per package

O’Connor Tweezer Dexterity Test

Model 32022

This test requires the use of tweezers to place a single pin in each 1/16” diameter hole. A high score is indicative of manual aptitude for work involving precision and steadiness of small hand tools and requires a high degree of hand-eye coordination.

The O’Connor Tweezer Dexterity Test is complete with board, pins, tweezers, examiner’s manual, and norms.

Replacement Models
32106 Set of Replacement Pins, 105 per package
32109 Replacement Tweezers

Two Arm Coordination Test

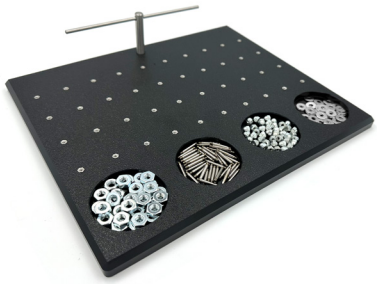
Model 32532

This is a test of the coordination of both arms working together in order to move a stylus around a six-point star pattern. This unit must be connected to an impulse counter to record the number of errors and/or a stop clock to record the amount of time outside the path. Norms not included.

Available Counter
54060A Clock/Counter is a timing device that is capable of accurately recording times down to a millisecond.

Roeder Manipulative Aptitude Test

Model 32026



This test measures hand, arm, finger dexterity, and speed. It is designed to test individuals for employment and to test elementary through college students when dexterity is a primary requirement.

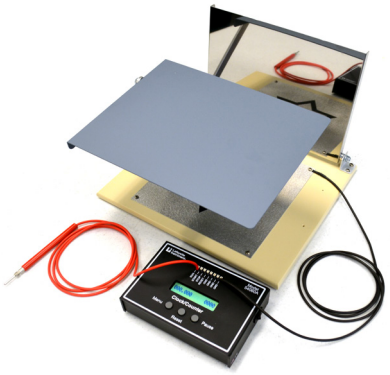
The board has four receptacles for holding washers, rods, caps, and nuts. The performance board also is comprised of a horizontal T-bar and 40 inserts arranged in a predetermined pattern.

The Roeder Manipulative Aptitude Test is complete with examiner's manual, norms, board, as well as all washers, rods, caps, and nuts.

Replacement Models
32026RB Set of Record Blanks, 50 per package
32026P Replacement Washers, Rods, Caps, and Nuts

Auto Scoring Mirror Tracer

Model 58024E



This tracing device involves reversal ability, hand-eye coordination, and learning. The subject is required to trace the star pattern while watching only its mirror image. Errors are automatically tallied and provision has also been made to track the total amount of time that the stylus is outside the star pattern. The mirror and shield are completely collapsible for easy storage and portability. Left or right handed subjects can be accommodated without a need to change the mounting brackets, support arms, etc.

This unit must be connected to a timing device to also record the amount of time outside of the path. Norms are not included.

Available Timer
54060A Clock/Counter is a timing device that is capable of accurately recording times down to a millisecond.

Replacement Models
32532A Replacement Star
32533B Replacement Stylus
58024M Replacement Mirror and Base

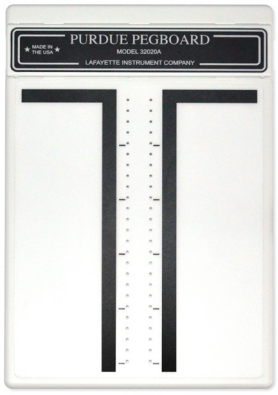
Occupational Skills Assessment Test Battery

Model 32604

This test battery is used to measure the progress in rehabilitation and return-to-work capability of individuals performing jobs/tasks that require manual dexterity, hand-eye coordination, steadiness, and perceptual motor skills. Placement personnel and human resource departments can pretest job applicant suitability for assembly and other jobs where frequent manipulation of objects in confined spaces is required.

Complete with the following tools (photos not to scale)

32011 Steadiness Tester, Hole Type
32020A Purdue Pegboard Test
32022 O'Connor Tweezer Test
32023 Minnesota Manual Dexterity Test
32026 Roeder Manipulative Aptitude Test
32521 Hand Tool Dexterity Test
32532 Two-Arm Coordination Test
58024E Auto-Scoring Mirror Tracer



32020A

32011

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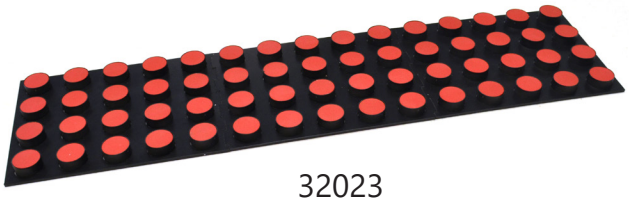
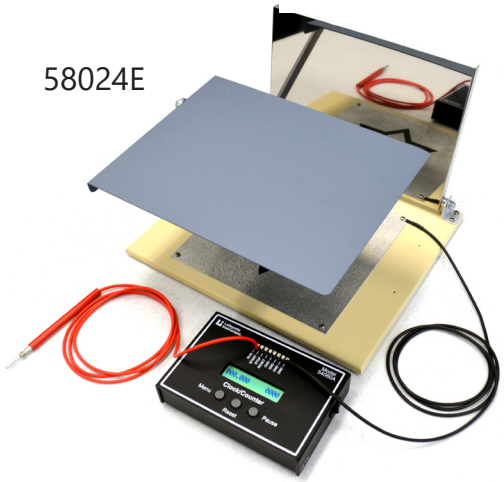


32023

58024E



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