Two-Hand Coordination (2HAND)
Test form S6 - Joystick (one-sided right; 10 runs)
Test administration: 26.04.2023 - 11:48...11:56, Duration: 8 min.

Test results - Representative norm sample:

Test variable	Raw score [1]	PR	T
Overall results			
Overall mean duration	28.22	4 (2-7)	32 (29-35)
Overall mean error duration	1.89	6 (1-16)	34 (28-40)
Overall percent error duration	6.71 %	31 (14-54)	45 (39-51)
Additional results			
Coordination difficulty	1.28		

Comment(s): Percentile rank (PR) and T-score (T) result from a comparison with the entire comparative sample 'Representative norm sample'. The confidence intervals given in parentheses next to the comparison scores have a 5% probability of error.

[1] All time displays in seconds

Comments and explanations on the test variables:

Overall mean duration:
This variable is the average time taken to travel the track. It is a measure of speed of movement and thus of the level of the respondent's performance. A high score indicates that the respondent is able to convert information about the position of the point into the appropriate fine motor movements at an above averagely fast rate, taking into account the features of the track.

Overall mean error duration:
This is the time - summed over all runs – during which the point was outside the tolerance limit defined by the track area.

Overall percent error duration:
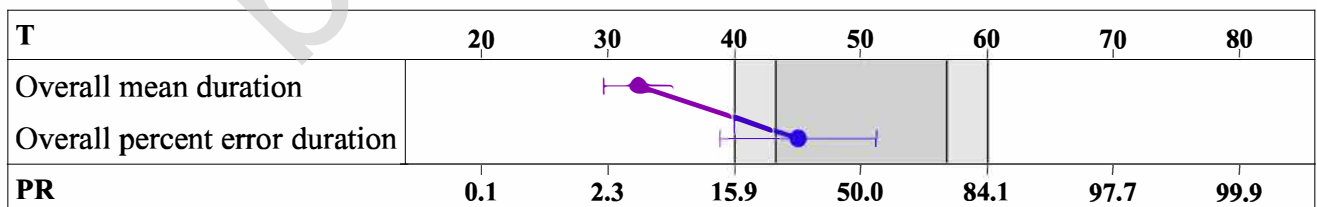This variable represents the ratio of the total error duration to the total duration.
The error duration is a measure of the quality of performance. An above-average score indicates that the respondent is very good at converting very small deviations from the intended route into the appropriate compensatory movements. This requires continuous gathering of information about the current position of the point in relation to the features of the track. This measure is therefore affected not only by the precision of the respondent' fine motor movements but also by his/her accuracy of information processing.

Notes:
- The above-mentioned comments and explanations on the test variables can be switched on or off at the "Extended Settings" tab of the Vienna Test System.
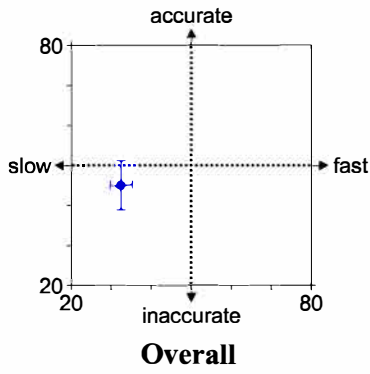- A detailed description of all test variables with comprehensive notes on interpretation will be found in the digital test manual which can be displayed and printed out via the user interface of the Vienna Test System.

Profile - Representative norm sample:

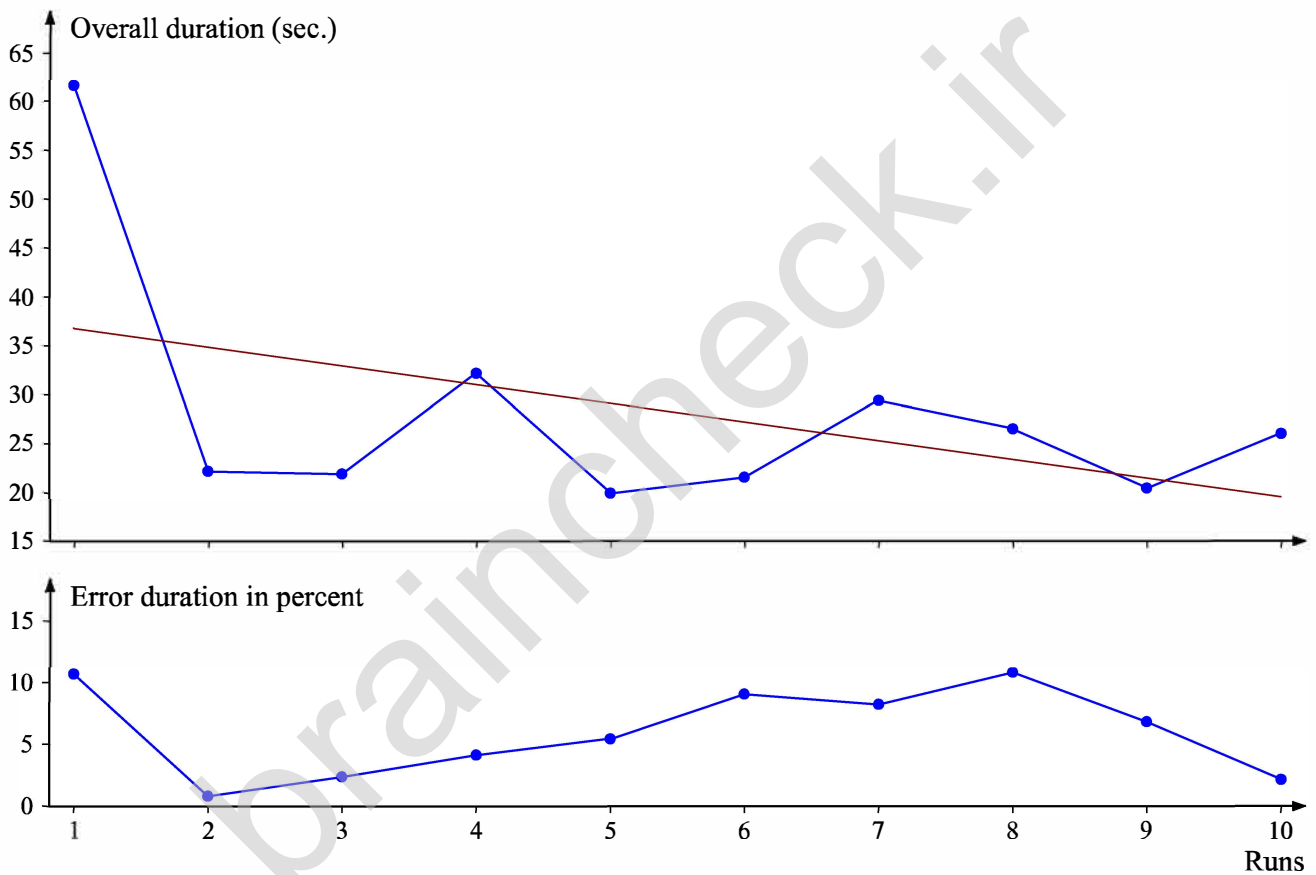| T		20	30	40	50	60	70	80
Overall mean duration								
Overall percent error duration								
PR		0.1	2.3	15.9	50.0	84.1	97.7	99.9

Comment(s): The shaded area represents the usual average ranges on the norm score scale.

Speed/Accuracy - Representative norm sample:

Overall

Comment(s): The client's position results from the T-score of the test variables 'Overall mean duration' vs. 'Overall percent error duration'.

Progress chart:

Comment(s): —— Regression line

Test protocol:

Run No.	Duration (sec.)	Number of mistakes	Error duration (sec.)	Error duration in percent
1	61.62	14	6.59	10.69
2	22.22	5	0.18	0.81
3	21.93	3	0.52	2.37
4	32.20	4	1.33	4.13
5	19.98	5	1.09	5.46
6	21.61	4	1.96	9.07
7	29.44	6	2.42	8.22
8	26.56	11	2.87	10.81

Test protocol (continued)**:**

Run No.	Duration (sec.)	Number of mistakes	Error duration (sec.)	Error duration in percent
9	20.53	8	1.40	6.82
10	26.09	3	0.57	2.18