
**Robotics — Performance criteria
and related test methods for service
robots —**

**Part 4:
Lower-back support robots**

*Robotique — Critères de performance et méthodes d'essai
correspondantes pour robots de service —*

Partie 4: Robots de soutien du bas du dos

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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Test conditions	3
4.1 General.....	3
4.2 Environmental conditions.....	3
4.3 Operating conditions.....	4
5 Test method for assistive torque index and lumbar compression reduction	4
5.1 Purpose.....	4
5.2 Relevant characteristics.....	4
5.2.1 General.....	4
5.2.2 Assistive torque index (ATI).....	4
5.2.3 Lumbar compression reduction (LCR).....	5
5.3 Test facility.....	7
5.3.1 Test apparatus.....	7
5.3.2 Reference movement and target trajectory.....	8
5.4 Test procedure.....	10
5.5 Test result.....	11
6 Test method for rate of assistance	11
6.1 Purpose.....	11
6.2 Relevant characteristics.....	11
6.3 Test facility.....	12
6.4 Test procedure.....	15
6.5 Test result.....	18
Annex A (informative) Time range of ATI and LCR	19
Annex B (informative) Example of lower-back support robots	23
Annex C (informative) Example table of test results	25
Annex D (informative) Example implementation of a test apparatus	26
Bibliography	29

Foreword

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This document was prepared by Technical Committee ISO/TC 299, *Robotics*.

A list of all parts in the ISO 18646 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document is intended to facilitate understanding of performance of lower-back support robots (see [Annex B](#)). This document defines the important performance characteristics and describes how to specify them and how to test them.

The characteristics for which test methods are given in this document are those considered to affect robot performance significantly. The user of this document selects which performance characteristics to test, in accordance with the specific requirements.

The performance criteria specified in this document are not intended to be interpreted as the verification or validation of safety requirements. The verification and validation of safety requirements are specified in other standards developed by ISO TC 299.

The International Organization for Standardization (ISO) draws attention to the fact that it is claimed that compliance with this document may involve the use of patents concerning the test apparatuses of the performance of wearable robots for lower-back support referred to throughout the document.

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