The $rH$ index in aqueous and aqueous-organic media
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IEC 62432, which is a technical report, has been prepared by subcommittee 65D: Analyzing equipment, of IEC technical committee 65: Industrial-process measurement and control.

The text of this technical report is based on the following documents:

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This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.
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- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this Technical report may be issued at a later date.
INTRODUCTION

The fundamental rationale for the rH index, extended to cover the pure aqueous and the aqueous-organic media, has been recently described critically [1], but for the user’s convenience, the essentials will be recalled in the present Technical Report together with the application domains, the recommended procedures and operational details.

\[\text{Numbers in square brackets refer to the bibliography.}\]
1 Scope

This Technical Report concerns analyzers, sensor units and electronic units used for the determinations of the rH index in aqueous and aqueous organic media.

This Technical Report identifies the terminology, definitions, theory and methodology used for the determination of rH values or redox systems in aqueous solvent or aqueous-organic solvent mixtures.