# ISO/TS 17430:2025-02 (E)

## Patient compartment of negative pressure ambulance - Technical specifications

## Contents

Page


Foreword ..... iv

Introduction ..... v

1 Scope ..... 1

2 Normative references ..... 1

3 Termsanddefinitions ..... 1

4 General requirements for patient compartment ..... 2

5 Special requirements for patient compartment ..... 2
5.1 Sealing and isolation requirements ..... 2
5.2 Requirements for performance of negative pressure ..... 2
5.3 Ventilation frequency requirements ..... 2
5.4 Air directional collection efficiency requirements ..... 2
5.5 Requirements for disinfection system ..... 2
5.6 Requirements for filtration equipment of negative pressure system ..... 3
5.7 Requirements for disinfection device of negative pressure system ..... 3

6 Marking ..... 3

7 Manual ..... 4

8 Test methods ..... 4
8.1 Sealing performance test ..... 4
8.2 Negative pressure performance test ..... 4
8.3 Ventilation rate test ..... 4
8.4 Air directional collection efficiency requirements ..... 5
8.4.1 Test equipment and facilities ..... 5
8.4.2 Test procedures ..... 5
8.4.3 Test results ..... 6
8.5 Test for disinfection system ..... 6
8.6 Verification for performance of the filtration device of negative pressure system ..... 6
8.7 Verification for result of disinfection device of negative pressure system ..... 6

Bibliography ..... 7