

# ISO 5893:2019 (E)

## Rubber and plastics test equipment — Tensile, flexural and compression types (constant rate of traverse) — Specification

---

### Contents

|     |  |
|-----|--|
|     | Foreword   |
| 1   | Scope  |
| 2   | Normative references                                   |
| 3   | Terms and definitions                                  |
| 4   | Designation of machine class                           |
| 5   | Design features  |
| 5.1 | Size and construction                                  |
| 5.2 | Axial alignment of the machine                         |
| 5.3 | Test piece grips                                       |
| 5.4 | Drive characteristics                                  |
| 5.5 | Jigs for use in compression, shear and flexure testing |
| 6   | Types of force-measuring system                        |
| 7   | Steady-state machine accuracy                          |
| 8   | Dynamic machine accuracy                               |
| 9   | Measurement of elongation (deflection)                 |
| 10  | Rate of displacement of driven grip                    |
| 11  | Machine stiffness                                      |
| 12  | Stability  |
| 13  | Certificate of verification                            |

Page count: 6