

BALL REBOUND TESTER

STANDARDS

DIN EN ISO 8307 / ASTM D 3574

RANGES OF APPLICATION

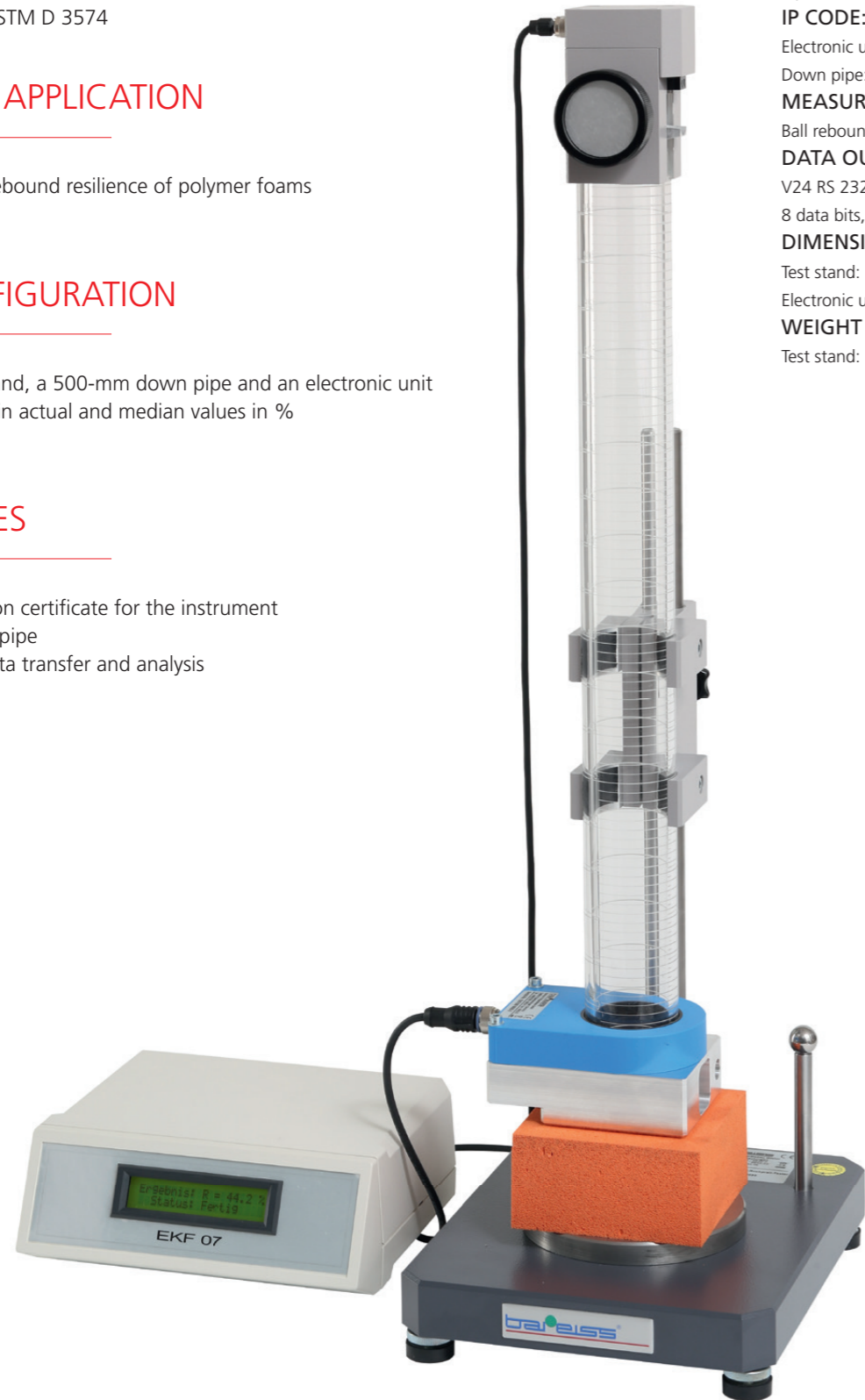
For measuring the rebound resilience of polymer foams

BASIC CONFIGURATION

Consists of a test stand, a 500-mm down pipe and an electronic unit
The results are read in actual and median values in %

ACCESSORIES

- Works calibration certificate for the instrument
- 460-mm down pipe
- Software for data transfer and analysis



Ball Rebound-Tester

POWER SUPPLY:

Power adapter
Input: 100 – 240 VAC ; 50 / 60 Hz

IP CODE:

Electronic unit: IP 30
Down pipe: IP 20

MEASURING RANGES:

Ball rebound elasticity

DATA OUTPUT:

V24 RS 232 - 9600 baud, 1 start bit,
8 data bits, 1 stop bit

DIMENSIONS (LxWxH)

Test stand: 200 x 250 x 600 mm
Electronic unit: 200 x 171 x 90 mm

WEIGHT

Test stand: 9.0 kg

REBOUND ELASTICITY TESTER II

WITH AUTOMATION / HEATING MODULE

STANDARDS

DIN 53512 / DIN 53573 / ISO 4662 / ASTM D 1054 / NF ISO 4662

RANGES OF APPLICATION

For measuring the resilience characteristics of elastomers with hardness ranges from 30 to 85 Shore A or IRHD N.

BASIC CONFIGURATION

The main instrument with 1 option of anvil and the electronic unit

ACCESSORIES

- Manufacturer calibration certificate for the instrument
- Anvil plate
- Heating module



Selectable temperature ranges from 10 °C to max. 100 °C on the contact surface of the specimen.
A second specimen can be preconditioned at the same time.
Diameter of specimens 29 – 53 mm, thickness of specimens 12 mm



Rebound elasticity tester with heating module



Rebound elasticity tester II

POWER SUPPLY:

Input: 100 – 240 VAC ; 50 / 60 Hz

IP CODE:

IP 30

RESOLUTION:

0.1 %

MEASURING RANGES:

Rubber resilience

DATA OUTPUT:

V24 RS 232 - 9600 baud, 1 start bit,
8 data bits, 1 stop bit

LENGTH OF PENDULUM:

200 mm

ANGLE OF INCIDENCE:

90°

IMPACT VELOCITY:

2 m/s

ADJUSTMENT FOR SPECIMEN THICKNESS

0 ... 60 mm

SCALE VALUE

1 mm

DIMENSIONS (LxWxH)

Main instrument:
200 x 250 x 570 mm

Electronic unit:
200 x 171 x 90 mm

WEIGHT

Main instrument: 33 kg

Electronic unit: 2 kg

Heating module: 3 kg