

# MECHANICAL DRUM-CHART RECORDER FOR PRESSURE- AND TEMPERATURE MEASUREMENT

COMPETENCE IN MEASUREMENT ENGINEERING



**PAULWEGENER**  
MESSTECHNIK SEIT 1921

# DATA SHEET DRUM-CHART RECORDER

## PRODUCT DESCRIPTION

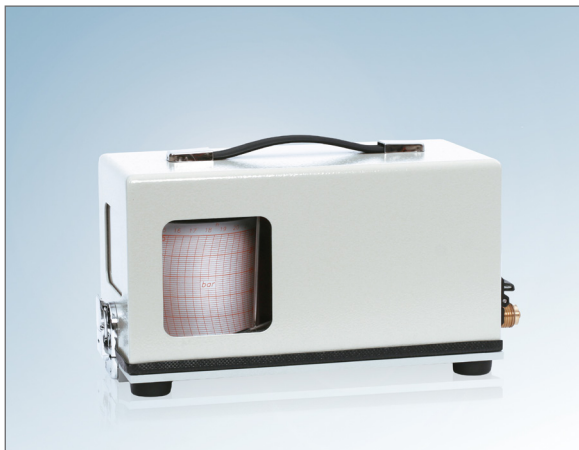
The drum-chart recorders are suitable for pressure and temperature measurement. Readings are recorded on chart paper by fibre tip pens.

The drum is able to run 30, 45, 90 minutes, 24 hours or 7 days per rotation.

Spring mechanisms with winding by hand or quartz driven systems with battery are available as drives.

The drum-chart recorders are used as pressure measurement and recording instruments, e.g. for leak tests of pipelines and other ductwork for gas and water.

The portable measurement device is particularly suitable for measurement and inspection tasks when doing installation work on-site or when installing house connections of gas and water pipelines.



### DESIGN

Type 354 R / 354 K / 354 N

### Accessories

carrier bag

flexible pressure hose with union nut G ½

strip chart, fibre tip pens

## Technical specifications

### Measurement ranges

0...40 mbar up to 0...600 mbar

0...1 bar up to 0...100 bar

-10...40 °C

-20...60 °C

### Measurement accuracy

class 1

### Recording range

recording drum: Ø 93 mm

writing length 280 mm

writing width 80 mm

### Drive

manual wind, mechanical spring mechanism

7 d, 24 h, 90, 45 or 30 min / rotation

also as quartz drive deliverable

### Paper feed

at 7 d cycle - 1,67 mm/h;

at 24 h cycle - 11,7 mm/h;

at 90 min cycle - 185 mm/h

### Recording system

fibre tip pen

### Connecting conditions

G ½ A

temperature sensor up to 200 mm, smooth or

with union nut G ½ or G ¾

### Body housing dimensions

325 x 145 x 175 mm (l x w x h)

### Weight

approx. 4,6 kg

### Degree of protection

IP 44

Händlerstempel



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