

# Schomandl FIT 70

## Through Line Power Meter

### Main Features:

Frequency Range: 70MHz -1000 MHz

Power Range: 20mW-50W

VSWR Indicator

No Element Needed

Digital LCD Read Out

Easy To Use

Low Battery Indicator

Made In Germany

Antenna Grounded Indicator

Antenna Ohm Check

Measures DC Voltages Up To 30V



# FIT70 70 MHz -1000 MHz

Frequency range:..... 70 MHz ... 1000 MHz

## RF-Power measurement (cont. or bursts)

Measuring range

70 MHz ... 88 MHz: ..... 500 mW ... 50 W

88 MHz ... 180 MHz: ..... 250 mW ... 50 W

180 MHz ... 400 MHz: ..... 100 mW ... 50 W

400 MHz ... 1000 MHz: ..... 20 mW ... 50 W

Resolution: ..... 0.1 dB

Offset-setting: .....  $\pm 12.7$  dB (0.1 dB-steps)

Accuracy

70 MHz ... 88 MHz: .....  $\leq \pm 1.5$  dB (P = 10 W)

88 MHz ... 180 MHz: .....  $\leq \pm 1.5$  dB (P = 5 W)

180 MHz ... 400 MHz: .....  $\leq \pm 1.5$  dB (P = 2.5 W)

400 MHz ... 1000 MHz: .....  $\leq \pm 1$  dB (P = 1 W), (typ.  $\pm 0.5$  dB)

Display: ..... numeric, bargraph, min/max, in W or dBm

## VSWR-measurement

Measuring range: ..... 1.2 ... 10

Resolution: ..... 0.1 (VSWR: 1.0 ... 3.0)

..... 0.2 (VSWR: 3.0 ... 5.0)

..... 0.5 (VSWR: 5.0 ... 10.0)

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Display: ..... numeric, bargraph, min/max  
..... simultaneously to power

Indication of antenna short-circuit: ..... LED-red

## Voltage measurement

DC range: ..... 0 ... 30 V

Resolution: ..... 0.1 Ohm

Display: ..... numeric, bargraph

Beeper: ..... active < 8 Ohm

## General

Connectors: ..... N-sockets at RF-Head

Safety sockets for 4 mm banana plugs for V =, Ohm, GND

Display: ..... 2-line, LCD with back light

Power requirements: ..... 4 ea Mignon-batteries

..... or 4 ea NiCd rechargeable batteries size AA

Power consumption (without back light): ..... < 95 mA

Dimensions: (instrument) ..... 197 mm x 97 mm x 40 mm

(RF-head) ..... 120 mm x 75 mm x 30 mm

Weight: (instrument) ..... approx. 0.55 kg incl. batteries

(RF-head) ..... approx. 0.6 kg incl. cable

## Delivery

Base unit, RF-head, operating manual

## Ordering information

Fast-Installations-Tester FIT 70 - 1000 MHz ..... BN 86814.000

Distributed by:  
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