

for free by  
IW1AU web site



Carrying case  
4822 600 30011



4822 264 20017

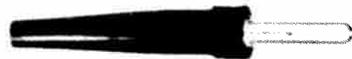


4822 290 40043



4822 264 20018

ø 4.5 mm



4822 264 30109 (red)  
4822 264 30111 (black)

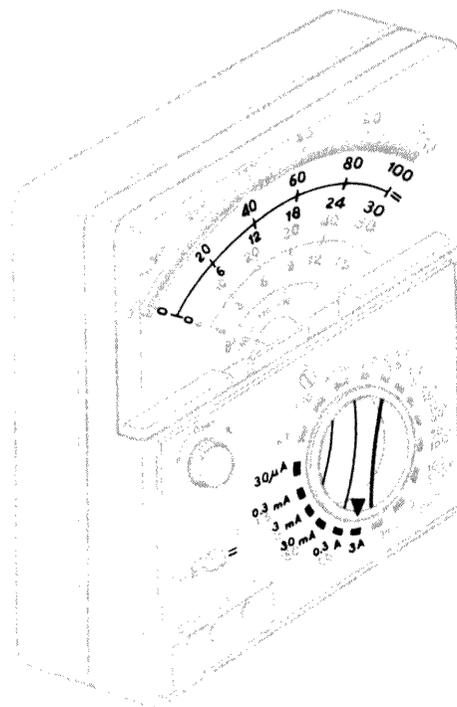
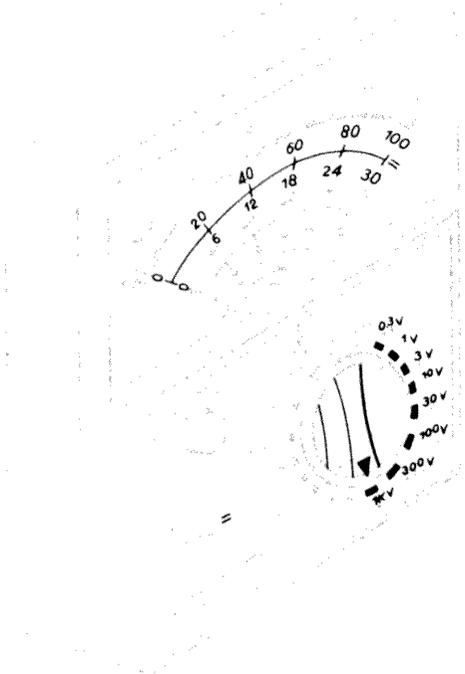
# PHILIPS

Service  
Service  
Service



**MULTITESTER TYPE UTS 001**  
code no 4822 395 30071





- (GB)** Direct Voltage  
accuracy 2.5% f.s.d.
- (NL)** Gelijkspanning  
nauwkeurigheid 2.5% f.s.d.
- (F)** Tension continue  
précision 2.5 % f.s.d.
- (D)** Gleichspannung  
Genauigkeit 2.5 % f.s.d.
- (E)** Tensión continua  
precisión 2.5 % f.s.d.
- (I)** Tensione continua  
precisione 2.5 % f.s.d.
- (S)** Likspänning  
noggrannhet 2.5 % f.s.d.

D.C. Volt = Volt

300 mV

1,3,10,30,100,300 V

1 kV

accuracy  
50.000 Ω/V

Direct current  
accuracy 2.5% f.s.d.

Gelijkstroom  
nauwkeurigheid 2.5 % f.s.d.

Courant continue  
précision 2.5 % f.s.d.

Gleichstrom  
Genauigkeit 2.5 % f.s.d.

Corriente continua  
precisión 2.5 % f.s.d.

Corrente continua  
precisione 2.5 % f.s.d.

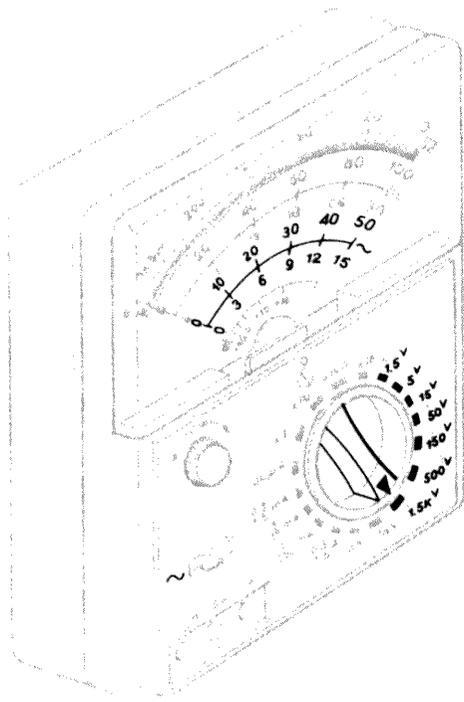
Likström  
noggrannhet 2.5 % f.s.d.

D.C. Amp = Amp

30, 300 μA

3, 30, 300 mA

3 A



Alternating voltage  
accuracy 3 % f.s.d.

Wisselspanning  
nauwkeurigheid 3 % f.s.d.

Tension alternative  
précision 3 % f.s.d.

Wechselspannung  
Genauigkeit 3 % f.s.d.

Tensión alterna  
precisión 3 % f.s.d.

Tension alternata  
precisione 3 % f.s.d.

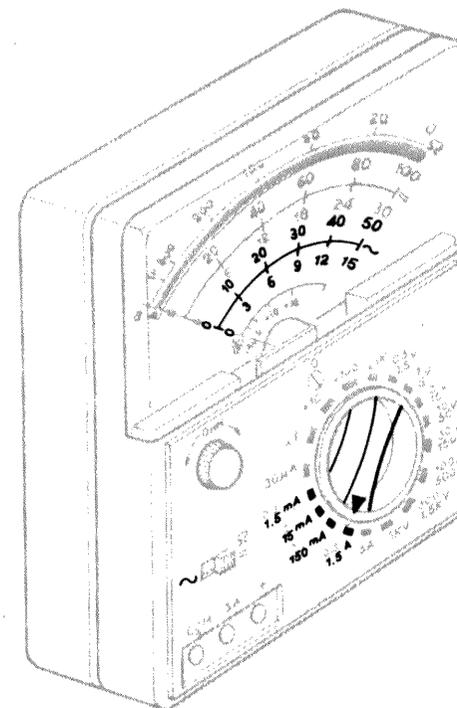
Växelspänning  
noggrannhet 3 % f.s.d.

A.C. Volt ~ Volt

1.5, 5, 15, 50, 150, 500 V

1 kV

accuracy  
10.000  $\Omega/V$



Alternating current  
accuracy 3 % f.s.d.

Wisselstroom  
nauwkeurigheid 3 % f.s.d.

Courant alternative  
précision 3 % f.s.d.

Wechselstrom  
Genauigkeit 3 % f.s.d.

Corriente alterna  
precisión 3 % f.s.d.

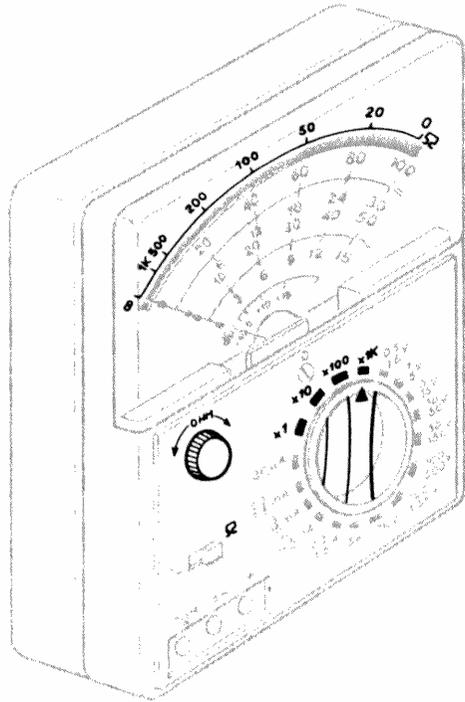
Corrente alternata  
precisione 3 % f.s.d.

Växelström  
noggrannhet 3 % f.s.d.

A.C. Amp. ~ Amp

1.5, 15, 150 mA

1.5 A



Resistance - Measuring

Weerstandsmmeetgebieden

Resistance

Widerstandsbereiche

Medidas de resistencia

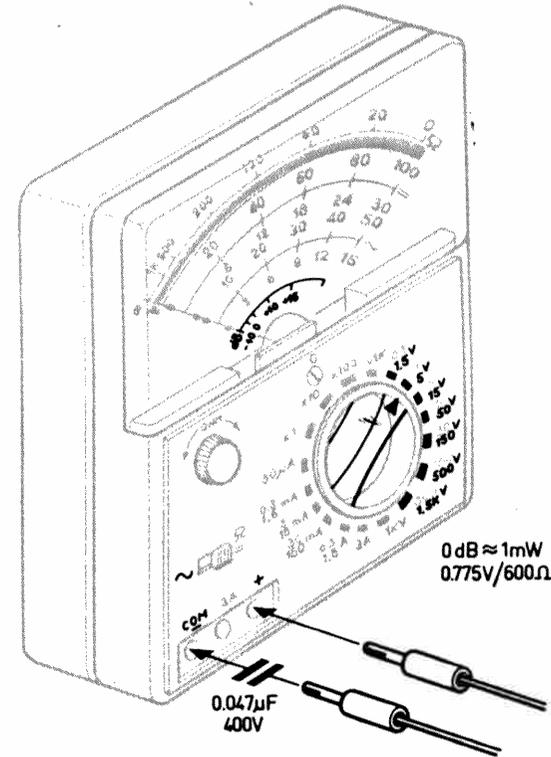
Misura della resistenza

Resistansemätning

Ohm  $\Omega$

x 1  $\Omega$ , x 10  $\Omega$ , x 100  $\Omega$

x 1 k $\Omega$



AC	1.5V	5V	15V	50V	150V	500V	1500V	AC
dB	-10	0	+10	+20	+30	+40	+50	dB

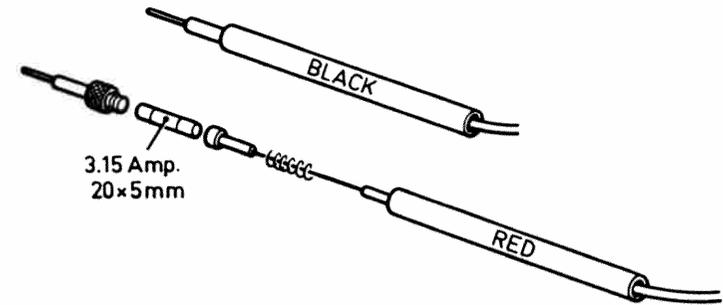
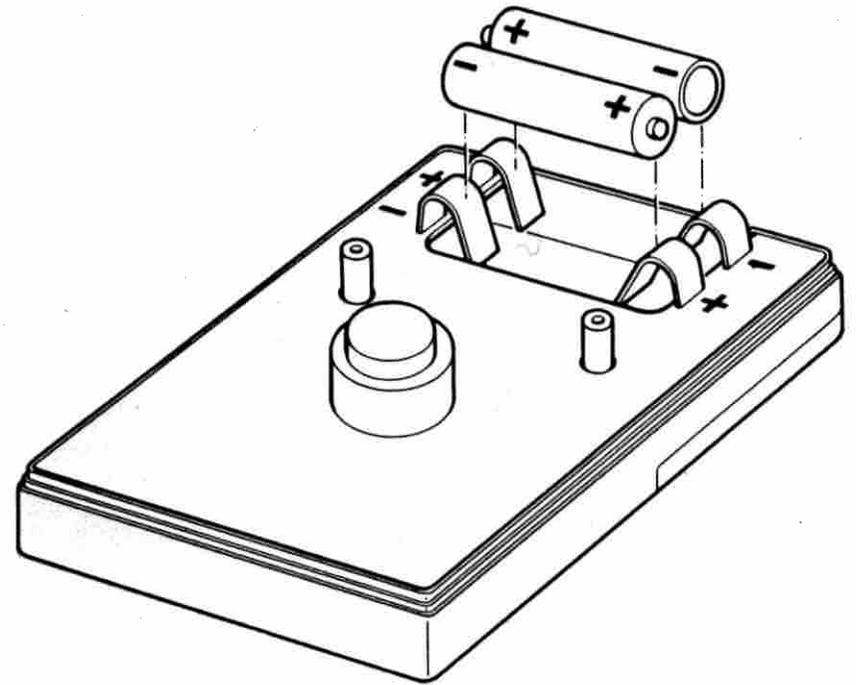
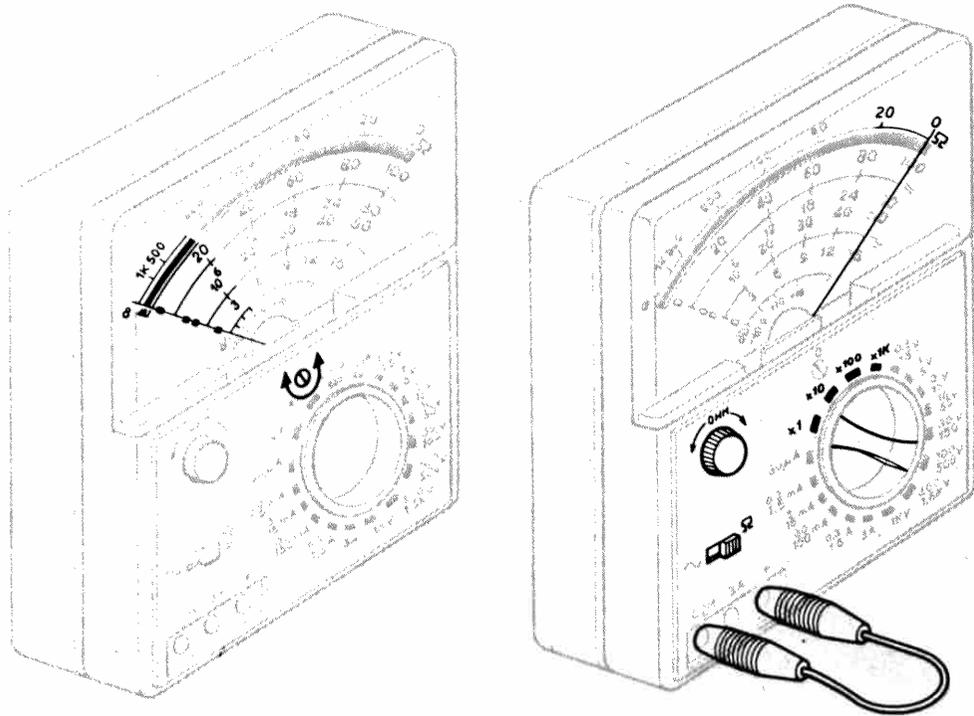
Decibel

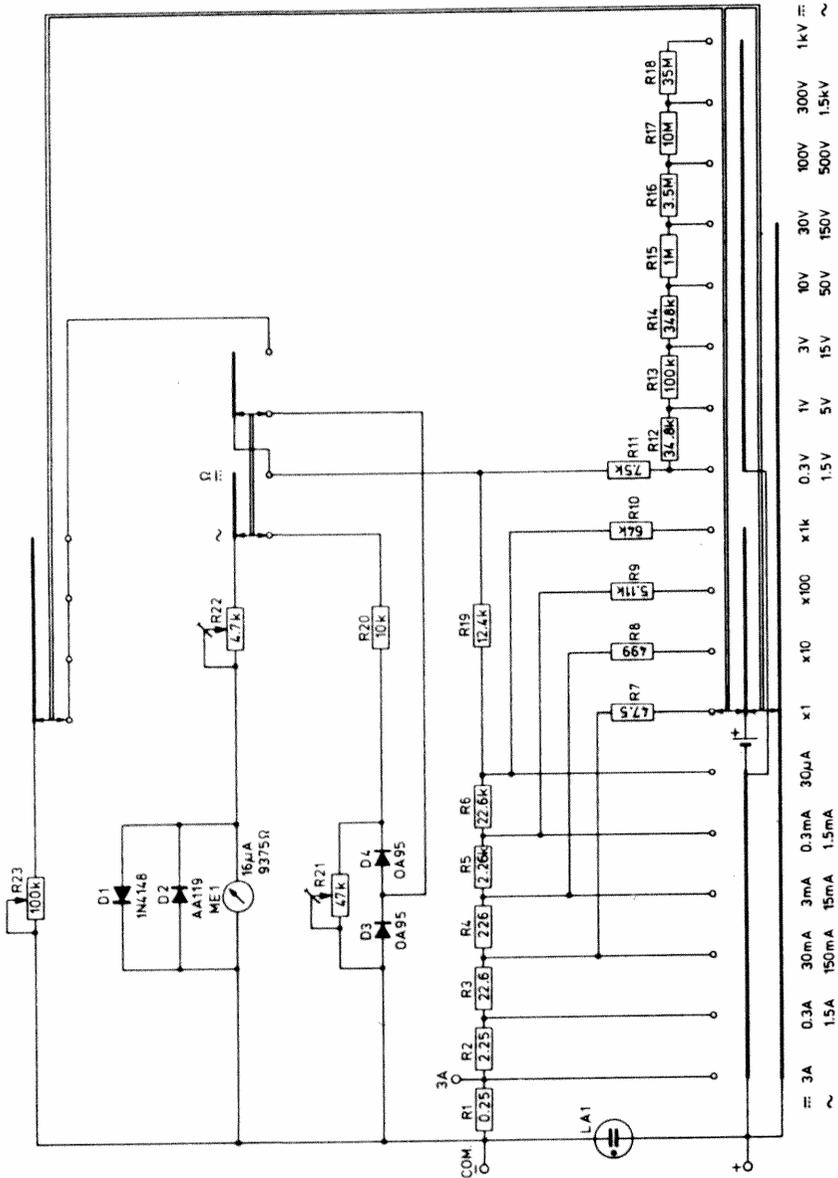
dB

-20+5, -10+15, 0+25 dB

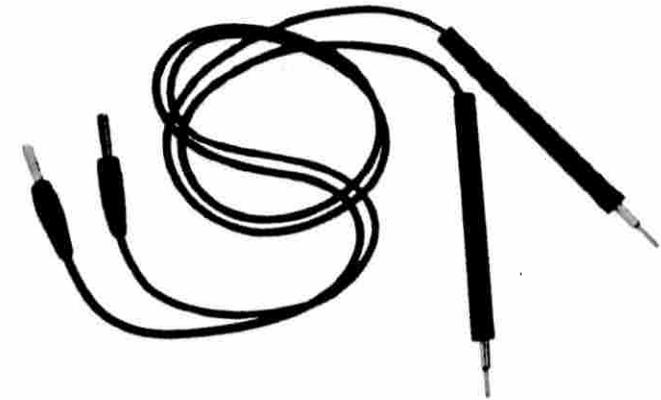
+10+35, +20+45, +30+55 dB

+40+65 dB





D1	IN4148	4822 130 30621	R18	35 M	4822 116 51177
D2	AA119	5322 130 40229	R19	12.4 k	5322 116 54163
D3	OA90	4822 130 30191	R20	10 k	5322 116 54327
D4	OA90	4822 130 30191			
			R21	47 kΩ	4822 100 10079
			R22	4.7 kΩ	4822 100 10036
			R23	100 kΩ	4822 101 10022
			F1	3.15 A	4822 253 20025
			LA1		5322 134 20102



4822 321 20372