

# ATS-15

## Attenuation Standard



### Application

- **Part of electrical final test and calibration bench**
- **Measuring systems** in which smallest voltages have to be provided with high precision

### Range of use

- **Accredited calibration laboratories**
- **Monitoring** of measurement devices in development and industry
- **Quality Assurance**
- **National Metrological Institutes** as highest metrological authorities (NMI)

### Features

- **Division ratio:** 1:1, 1:8, 1:64, 1:512
  - ⇒ Frequency Range 0 - 100 kHz
  - ⇒ Accuracy up to 0,015 %
- **Amplifier: 4:1**
  - ⇒ Frequency Range 0 - 20 kHz
  - ⇒ Accuracy up to 0,01 %
- **Remote and manual control**

# ATS-15

## Calibration divider



### Components

- ATS-15
- PC Software to control the ATS-15
- Power Cable
- USB Cable

### Technical Data

General	
Frequency Range	DC ... 100,000 Hz
Operating Voltage	230 VAC or 115 VAC
Power Consumption	10 watt
Working Temperature	23°C (± 2°C)
Preheating Time	2 h
<b>Reference divider (1:1, 1:8, 1:64, 1:512)<sup>2) 3)</sup></b>	
Max. Amplitude of input voltage	10 V
Accuracy of division rates	
DC ... 50kHz	±0.015 %
>50kHz ... 100kHz	±0.03 %
<b>Amplifier (4:1)<sup>2)</sup></b>	
Max. Amplitude of input voltage	7 V
Max. Amplitude of output voltage	28 V
Frequency Range <sup>1)</sup>	DC ... 20 kHz
Accuracy of the amplifying factor	±0.01 %
<b>Connectors</b>	
USB	USB socket (Type B) for PC-controlled switchover
IN	BNC socket
OUT	BNC socket
GND	GND socket, 4 mm

<sup>1)</sup> Usable frequency range

<sup>2)</sup> All specifications are at room temperature unless otherwise specified

<sup>3)</sup> Traceable to national standard