



Your **definitive** source
for quality pre-owned
equipment.

Artisan Technology Group

(217) 352-9330 | sales@artisanng.com | artisanng.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Anritsu MP1201C* at our website: ***Click HERE***

MP1201C

Error Rate Tester

40 Hz to 1.2 MHz



- Bit error rate, and error pulse count measurement
- Pseudorandom (PN9, PN15) and fixed (1010-) pattern measurement
- Error insertion
- Auto sync on/off
- Printer output

The MP1201C is a compact, easy-to-use tester operating at a clock frequency of 40 Hz to 1.2 MHz.

It is composed of a separate transmitter and receiver; the transmitter sends an M-series pseudorandom signal similar to that of an actual circuit. The receiver displays the error rate of measured signals using LEDs. A GPIB is provided as standard equipment.

In addition to measuring the reception sensitivity of digital radio systems, and the bit error rate of digital transmission systems, the MP1201C is ideal for system R&D, manufacturing and maintenance.

Specifications

Transmitter	Internal clock output	Frequency: 100 Hz, 300 Hz, 600 Hz, 1.2 kHz, 2.4 kHz, 4.8 kHz, 8 kHz, 9.6 kHz, 16 kHz, 32 kHz Accuracy: $\leq \pm 50$ ppm
	External clock input	Frequency: 40 Hz to 1.2 MHz, Input level: TTL, Input impedance: High, Connector BNC
	Output pattern	Pseudorandom pattern: $2^9 - 1$ bits, $2^{15} - 1$ bits Fixed pattern: "1010.." repeat
	NRZ output (clock, pattern)	Frequency: 40 Hz to 1.2 MHz, Output level: TTL, Load: 75 Ω , Connector: BNC
	Pattern synchronization output	Output level: TTL, Load: 75 Ω , Connector: BNC
Receiver	NRZ input (clock, pattern)	Frequency: 40 Hz to 1.2 MHz, Input level: TTL, Input impedance: High, Connector: BNC
	Measurement pattern	Pseudorandom pattern: $2^9 - 1$ bits, $2^{15} - 1$ bits Fixed pattern: "1010.." repeat
	Error pulse detection method	Binary error: Comparison of bit pattern
	Error rate measurement	Display: 1×10^{-6} to 9.99×10^{-1} (LED: 3-digit mantissa and 1-digit exponent) Measurement time: 10^2 , 2556, 10^4 , 10^5 , 10^6 bits Sample rate: 0.5 s, ∞
	Error count measurement	Display: 0 to 9.99×10^5 (LED: 3-digit mantissa and 1-digit exponent) Measurement time: Depends on start/stop switch
	Error pulse output	Code: RZ, Output level: TTL, Load: 75 Ω , Connector: BNC
	Pattern synchronization output	Output level: TTL, Load: 75 Ω , Connector: BNC
	Printer output	Error rate measurement: Output when measurement finished Error pulse measurement: Output when stop key pressed Output data format: Status information code, counting time code, and measured value (3-digit mantissa and 1-digit exponent)
Power	*1 Vac $\pm 10\%$, 50/60 Hz, ≤ 50 VA	
Operating temperature	0° to 50°C	
Dimensions and mass	426 (W) x 88 (H) x 451 (D) mm, <15 kg	

*1: Specify one nominal line voltage between 100 and 240 V when ordering. Maximum operation voltage is 250 V.

Ordering information

Please specify model/order number, name and quantity when ordering.

Model/Order No.	Name
MP1201C	— Main frame — Error Rate Tester
J0133L	— Standard accessories — Coaxial cord, 3CA-P2·RG-55/U·3CA-P2, 2 m: 2 pcs Power cord, 2.6 m: 1 pc
F0006	Fuse, 0.63 A: 2 pcs
W0746AE	MP1201C operation manual: 1 copy
B0333A	— Application accessory — Rack mount kit



Specifications are subject to change without notice.

ANRITSU CORPORATION MEASUREMENT SOLUTIONS

5-10-27, Minamiazabu, Minato-ku, Tokyo 106-8570, Japan
Phone: +81-3-3446-1111
Telex: J34372
Fax: +81-3-3442-0235

• U.S.A. ANRITSU COMPANY

North American Region Headquarters
1155 East Collins Blvd., Richardson, TX 75081, U.S.A.
Toll Free: 1-800-ANRITSU (267-4878)
Phone: +1-972-644-1777
Fax: +1-972-671-1877

• Canada ANRITSU ELECTRONICS LTD.

Unit 102, 215 Stafford Road West
Nepean, Ontario K2H 9C1, Canada
Phone: +1-613-828-4090
Fax: +1-613-828-5400

• Brasil ANRITSU ELETRÔNICA LTDA.

Praia de Botafogo 440, Sala 2401 CEP 22250-040,
Rio de Janeiro, RJ, Brasil
Phone: +55-21-5276922
Fax: +55-21-537-1456

• U.K.
ANRITSU LTD.
200 Capability Green, Luton, Bedfordshire LU1 3LU, U.K.
Phone: +44-1582-433200
Fax: +44-1582-731303

• Germany
ANRITSU GmbH
Grafenberger Allee 54-56, 40237 Düsseldorf, Germany
Phone: +49-211-96855-0
Fax: +49-211-96855-55

• France
ANRITSU S.A.
9, Avenue du Québec Z.A. de Courtabœuf 91951 Les
Ulis Cedex, France
Phone: +33-1-60-92-15-50
Fax: +33-1-64-46-10-65

• Italy
ANRITSU S.p.A.
Via Elio Vittorini, 129, 00144 Roma EUR, Italy
Phone: +39-06-509-9711
Fax: +39-06-502-24-25

• Sweden
ANRITSU AB
Botvid Center, Fittja Backe 1-3 145 84 Stockholm,
Sweden
Phone: +46-853470700
Fax: +46-853470730

• Spain
ANRITSU ELECTRÓNICA, S.A.
Europa Empresarial Edificio Londres, Planta 1, Oficina
6 C/ Playa de Liencres, 2 28230 Las Rozas, Madrid,
Spain
Phone: +34-91-6404460
Fax: +34-91-6404461

• Singapore
ANRITSU PTE LTD.
6, New Industrial Rd., #06-01/02, Hoe Huat Industrial
Building, Singapore 536199
Phone: +65-282-2400
Fax: +65-282-2533

• Hong Kong
ANRITSU COMPANY LTD.
Suite 719, 7/F., Chinachem Golden Plaza, 77 Mody
Road, Tsimshatsui East, Kowloon, Hong Kong, China
Phone: +852-2301-4980
Fax: +852-2301-3545

• Korea
ANRITSU CORPORATION
14F Hyun Juk Bldg. 832-41, Yeoksam-dong,
Kangnam-ku, Seoul, Korea
Phone: +82-2-553-6603
Fax: +82-2-553-6604-5

• Australia
ANRITSU PTY LTD.
Unit 3/170 Forster Road Mt. Waverley, Victoria, 3149,
Australia
Phone: +61-3-9558-8177
Fax: +61-3-9558-8255

• Taiwan
ANRITSU COMPANY INC.
6F, 96, Sec. 3, Chien Kou North Rd. Taipei, Taiwan
Phone: +886-2-2515-6050
Fax: +886-2-2509-5519

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at artisanng.com for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisanng.com | artisanng.com

