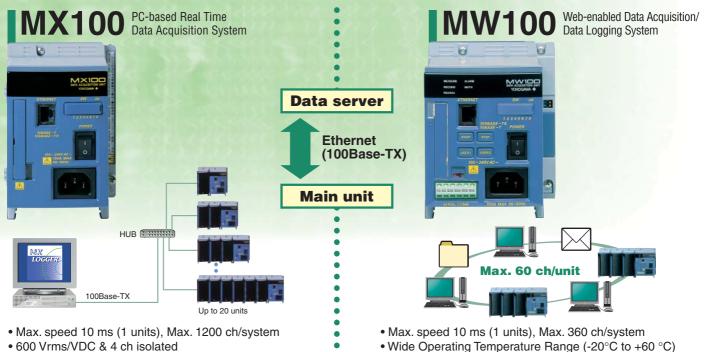


Multi Channel Module Type



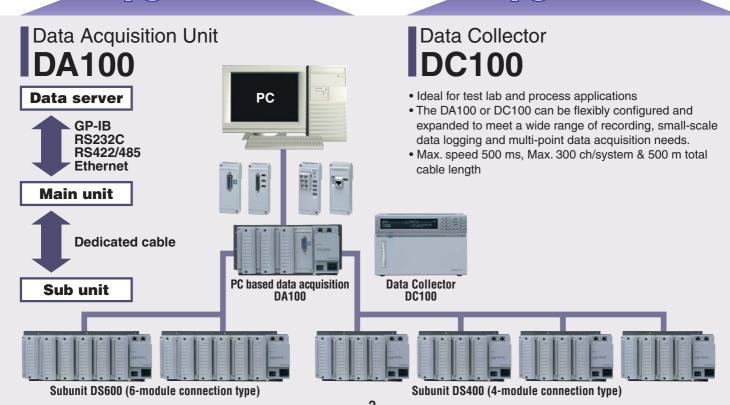
• 600 Vrms/VDC & 4 ch isolated

Input/Output Modules



Upgrade to

Upgrade to



Desktop Type

Portable Paperless Recorder

MV1000/MV2000

The Portable recorder with evolutionary high reliability and ease-of-use!

· Internal memory: · Withstand voltage: 1000 VAC

Input types:

Communication functions:

DCV, TC, RTD, DI, DCA Ethernet, RS232, RS422/485 High-speed model (25 ms*) Measurement intervals: MV1000: 4, 8 ch

MV2000:8 ch Low-speed model (125 ms*)

MV1000: 6, 12, 24 ch MV2000: 10, 20, 30, 40, 48 ch

• Multi-point input: MV1000 (Max. 24 ch) MV2000 (Max. 48 ch)



Hybrid Recorder

DR130/DR230

The DR130/DR230 recorders provides high reliability and performance over a wide range of environmental conditions.

DCV, TC, RTD, DI, Power monitor, Pulse, Strain · Input types:

and direct current (mA) etc.

• Communication functions: RS232C, GP-IB, RS422/485, Ethernet

• Recording color: 10

<Stand-alone model: Measurement intervals: 2 s> · Input channels: 10 to 30 ch <Expandable model: Measurement intervals: 0.5 s>

Max. 300 ch • Input channels:



pgrade to

HR2500 Recorder From 1986 to 1998

Decentralized data collection

Measurement intervals: 2 s

- Number of inputs: 60 to 300 ch
- Recording color: 6

HR2300 Recorder From 1989 to 1998

The third-generation Hybrid Recorder

- High-breakdown-voltage solid-state relays
- 30 ch/1 s
- Recording color: 10

3081 Recorder From 1985 to 1994

The second-generation Hybrid Recorder

- 30 ch/6 s
- Recording color: 6



3088 Recorder

From 1982 to 1990

Equipped with Microprocessor

- 30 ch/8 s
- Recording color: 6



HR1300 Recorder

From 1989 to 1998

Portable Hybrid Recorder

- High-breakdown-voltage solid-state relays
- 20 ch/1 s
- Recording color: 10

3087 Recorder

From 1984 to 1994

Portable Recorder

- · Digital print function
- The thermally sensitive resistor input can be specified.

3058 Multi-point Recorder From 1985 to 1994

Automatic Equilibrium Recorder

- Incorporated reference junction compensation circuit
- Pen model: 6 to 12 pens
- For continuous record temperature etc. for a long time

3057 Portable Pen Recorder From 1979 to 2007

Equipped with Microprocessor

- Three different power source models
- Pen model: 1 to 2 pens
- Mess-free, disposable Felt-tip pen recording







^{*}High-speed mode

Panel Mount type

The next generation DAQSTATION DX1000/DX2000

1000 VAC

DXAdvanced is built on years of field-proven performance with Yokogawa quality and reliability built-in.

> DCV, TC, RTD, DI, DCA Ethernet, RS232, RS422/485

DX1000: 2, 4 ch DX2000: 4, 8 ch

High-speed model (25 ms*)

Internal memory:

· Withstand voltage: · Input types:

· Communication functions:

· Measurement intervals:

Low-speed model (125 ms*) DX1000: 6, 12 ch

DX2000: 10, 20, 30, 40, 48 ch • Multi-point input:

DX1000 (Max. 12 ch) DX2000 (Max. 48 ch)



YOKOGAWA ♦

Hybrid Recorder

DR240

The DR240 recorder provides high reliability and performance over a wide range of environmental conditions.

· Input types: DCV, TC, RTD, DI, Power monitor, Pulse, Strain

and direct current (mA) etc.

• Communication functions: RS232C, GP-IB, RS422/485, Ethernet

• Recording color:

10 <Stand-alone model: Measurement Intervals: 2 s> Input channels: 10 to 30 ch <Expandable model: Measurement Intervals: 0.5 s>

• Input channels:

Max. 300 ch



pgrade to

HR2500 Recorder From 1986 to 1998

Decentralized data collection

- Measurement intervals: 2 s
- Number of inputs: 60 to 300 ch
- Recording color: 6

HR2400 Recorder (From 1989 to 1998)

The third-generation Hybrid Recorder

- High-breakdown-voltage solid-state relays • 30 ch/1 s
- Recording color: 10

4081 Recorder

From 1985 to 1994

The second-generation Hybrid Recorder

- 30 ch/6 s
- · Recording color: 6



4088 Recorder

From 1981 to 1990

Equipped with Microprocessor

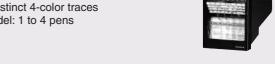
- 30 ch/8 s
- Recording color: 6



µR100F Recorder

• Clear, distinct 4-color traces

• Pen model: 1 to 4 pens



From 1988 to 1995

μ**R100T/μR180T Recorder** (From 1988 to 1995)

- · Easy operation of analog sense
- · Intelligent recorder
- Pen model: 1 to 3 pens
- Dot-printing model: 6 to 12 dots

uR100/uR180/uR250 Recorder (From 1985 to 1995)

- · Recorder equipped with ultrasonic pen position transducer
- Pen model: 1 to 3 pens
- Dot-printing model: 6 to 24 dots

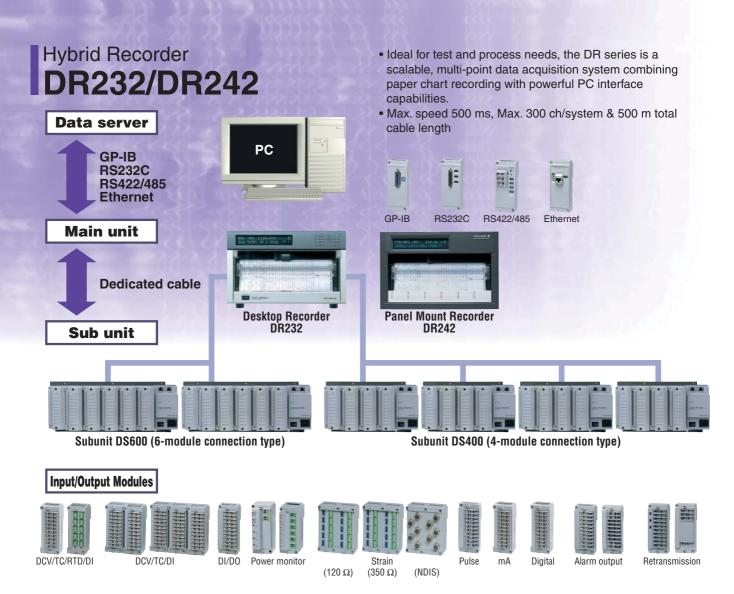


ER100/ER180 Recorder (From 1975 to 1993)

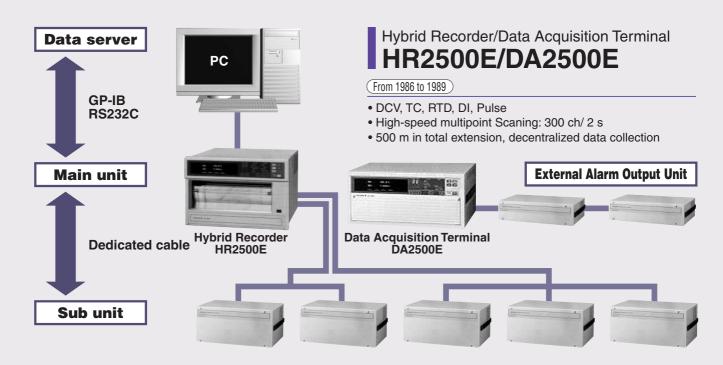
- · Automatic equilibrium recorder
- Pen model: 1 to 3 pens
- Dot-printing model: 6 to 24 dots



^{*}High-speed mode



Upgrade to



History of Panel Mount Recorders History of Desktop Recorders Year Year 2005 The next generation DAQSTATION 2007 The next generation **DXAdvanced** Potable paperless recorder DX1000/DX2000 **MVAdvanced** MV1000/MV2000 2004 The third-generation chart recorder 2005 Web-enabled data acquisition/ μ R10000/ μ R20000 data logging system MW100 2003 PC-based real time data 2001 Control and measurement station acquisition system CX1000/CX2000 **MX100** 1999 MobileCorder MV100/MV200 Data acquision station for pharmaceutical model DX100P/DX200P 1997 Handy oscillographic recorder 1999 Data acquisition station OR100/OR300 DX100/DX200 1995 The second-generation data 1997 Paperless recorder VR200 acquisition equipment **DARWIN** 1995 The second-generation data acquisition equipment 1992 **DARWIN** Recorder with built-in thermal printer OR 1992 The second-generation chart recorder 1989 The third-generation high-breakdown-voltage μR1000/μR1800 solid-state relays μRS1000/μRS1800 hybrid recorder HR2300 Portable hybrid recorder HR1300 Memory card logger 1989 The third-generation high-breakdownvoltage solid-state relays hybrid recorder HR2400 1988 Intelligent pen recorders LR12000/LR8100/LR4100/LR4200 1986 The first-generation data acquisition equipment HR2500/DA2500 1985 The second-generation hybrid recorder equipped with 1986 The first-generation data acquisition equipment microprocessor 4081 HR2500/DA2500 The first-generation chart recorder equipped with microprocessor 1985 The second-generation hybrid recorder μ R100/ μ R180/ μ R250 equipped with microprocessor 3081 μ R100T/ μ R180T uR100F 1984 The first-generation portable recorder 3087 1981 The first-generation hybrid recorder equipped with microprocessor 4088 1982 The first-generation hybrid recorder 1975 DIN size recorder equipped with microprocessor 3088 ER100/ER180 1980 Multi-point recorder 1961 Electronic automatic 3058 equilibrium recorder ER Analog pen recorder 3056/3057 1979 1977



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Subject to change without notice.