YS80 Series
Rack Instrument
Rack instruments with high reliability and proven technology

A highly reliable rack instrument YS80 has abundant operational performance since its launched in 1981.

Easy maintenance
High compatibility with conventional model

Long-term stable supply
Uses the latest electronic components

Requires less spare parts
Universal input and square root function switching type

Exchangeable internal unit for easier replacement

- No wiring work is needed
- Reduce installation work time
- Reduce the man-hour cost
- Less waste

Safety
- Improved security (parameter write protect switch)
- Operation upon rack instrument failure (Analog output goes below 0% and alarm relay deenergizes)

Improved maintainability and operability
- Signal circuits are isolated from power circuits, making it easy to replace the power board
- Handy terminal for easier Zero-span adjustment
- Larger Easy-to-read digital display units (for setting alarms and integrating ratio)
Rack instrument lineup

StyleS

- mV, Temperature and Potentiometer/Voltage Converter STED
- Alarm Unit SKYD
- mV and Temperature Alarm Unit SALD
- Integrator SIND
- Isolator SISD
- Distributor SDBT, SDBS

StyleR

- Digital Alarm Unit SDAU

Main Functions
- Engineering unit scaling
- Measured value display
- Alarm setting value display
- High-precision settings
- Easy operation

Table of replacement instruments

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<td>SDBS*S</td>
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<td>ISN5261 + S217, ISN5361 + S217</td>
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<td>SIND<em>A + SICD, SIND</em>R + SICD</td>
<td>SIND*S + SICD</td>
</tr>
</tbody>
</table>

Note: Models with larger digital display setting units

YS80 Series 2
Synaptic Business Automation creates sustainable value by connecting everything in our customers' organization. To realize this, Yokogawa integrates its business and domain knowledge with digital automation technologies, and co-innovates with customers to drive their business process transformation.

See the general specifications for detailed model-specific specifications. For questions on the YS80 series, see our FAQ.

www.yokogawa.com/ns/ys/