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Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

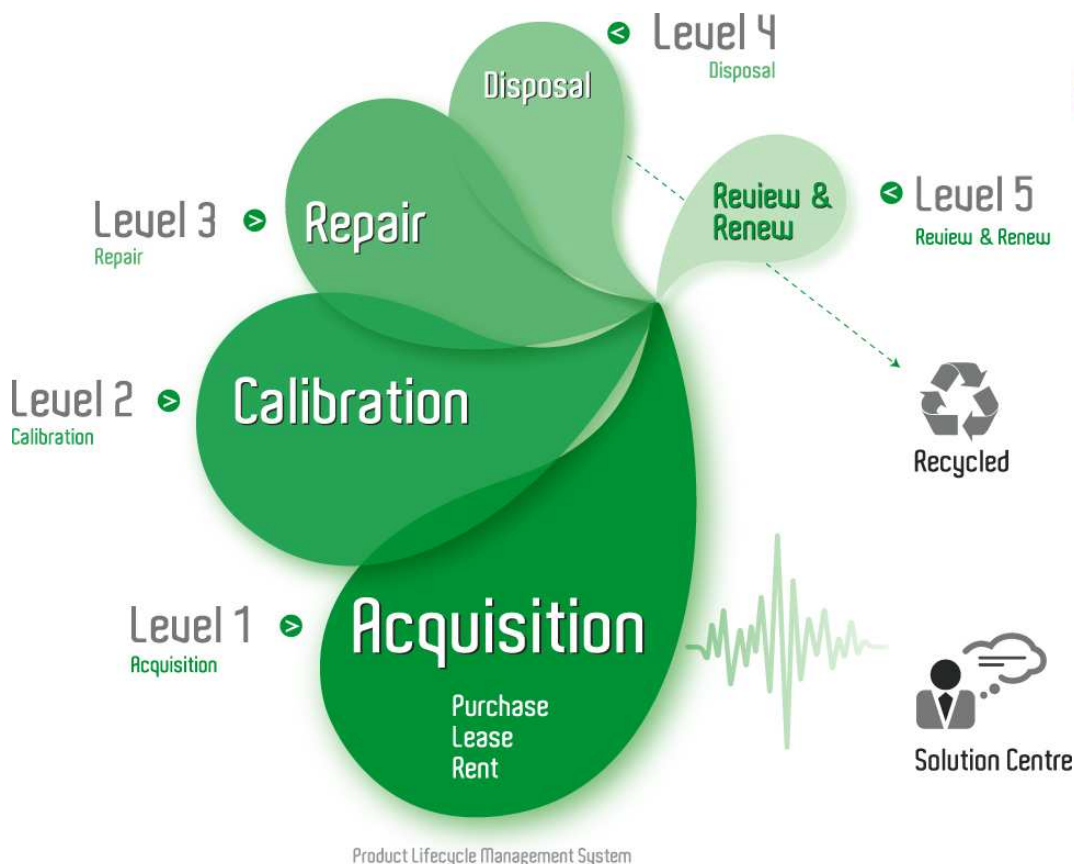
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Sumitomo Type 63 Mass Fusion Splicer



A NEW STANDARD IN MASS SPLICING TECHNOLOGY!

Application

Designed with maximum productivity and portability in mind, the Type-63 is ideal for use in aerial and taut sheath applications when splicing high count ribbon or loose tube cables. With our newly developed optical viewing system you'll get a faster, low loss splice with more accuracy than ever before.

Features

- Our Compact, Lightweight design with a front to back work flow system simplifies aerial and taut sheath splicing**
- Simultaneous focussing on up to 12 fibers at a time with equal fiber resolution size provides improved accuracy and speed**
- Low Power Consumption with a built in power management functions, gives you the ability to splice longer on battery operation**
- Wind Protective design for optimum splice results in winds up to 30mph**
- Large 5.6" LCD Display provides a clear fiber image even in direct sunlight**
- Perform 12 count fiber splices in under 42 seconds!**

Splice loose tube or ribbon fibers quicker and easier with Sumitomo fiber preparation tools.

A quick simple step creates a ribbon-like arrangement of up to 12 loose tube fibers for mass splicing



Work faster with one pass thermal stripping



Typical endface angles of 0.5° perpendicular, assure proper endface preparation for quality splicing



SPECIFICATIONS

Standard Performance

Typical Splice Loss (Identical Fibers)	SMF: 0.05dB MMF: 0.03dB DSF: 0.07dB
Splice Cycle Time (12C) (Set to Loss Estimate)	42 seconds
Heater Cycle Time (12C)	110 seconds
Proof Test	200 grams (standard)
Battery Operation (Fully Charged)	Over 20 Splices, with heat cycle and heated jacket remover operation
Splice Data Storage	1200 Splice Data Points

Fiber Requirements

Material	Silica Glass
Profile Type	SM, MM or DS fiber
Fiber Diameter	125µm
Fiber Pitch	250µm (ribbon fiber)
Fiber Coating Diameter	250µm & 900µm (single)
Cleave length	10mm
Number of Fibers	1,2,4,8,12

Environmental Conditions

Operating Temperature	-10°~50°C(14~122°F)
Operating Humidity	95% RH Non-Condensing
Storage Temperature	-40°~70°C(-40~158°F)
Altitude	0-3,660 meters(12,000 ft.)

Physical Characteristics

Size	160W X 195H X 177Dmm 6.3W X 7.6H X 7.0D inches
Weight	4 Kg (8.8lb)
Display	Adjustable 5.6" LCD Monitor
Alignment Method	Fixed V-Groove
Arc Test Compensation	Automatic

External Terminals

Data Communications	9 Pin D-Sub Connector RS-232C
12V DC Output	Accessories
Video Output	RCA Jack - Video Signal

Power Supply

AC	85V to 265V 50/60 Hz
DC	11-14.5V
Battery Type	NiMH

Programs

Fusion Condition Settings	21 Total (3 Fiber Categories with 7 Program Selections)
Splice Criteria Parameters	5 Adjustable Parameters

The Production process of this product meets ISO 9001. (JQA Certificate Number: JQA-1108)

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□ Specifications subject to change without prior notice.



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