

Sumitomo Smart Connection of Tomorrow

SUMITOMO ELECTRIC INDUSTRIES, LTD.

Sumitomo Electric Strength

30+ years' experience with innovative design and highest technologies



Y1980 TYPE-3



Y2017 TYPE-72C

Provide a broad range of end-to-end fibre optic products



Global presence for sales and support

Made in Japan, excellence in high quality manufacturing

Product Lineup

Core Alignment

Single fibre



TYPE-72C

High Definition
Core Aligning
fusion splicer



T-55

Automatic Adaptive Core
fusion splicer

Active V-groove

Single fibre



T-400S

Active V-groove
fusion splicer

Mass

Up to 12c fibres



TYPE-71M12

Mass
fusion splicer

Handheld

Up to 4c fibres



TYPE-201e-VS/M4

Handheld
fusion splicer



**High Definition Core Aligning
fusion splicer**

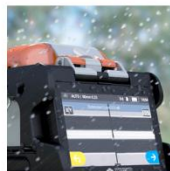
TYPE-72C



Excellent performance



User friendly



High environmental durability

Excellent performance

Splicing speed

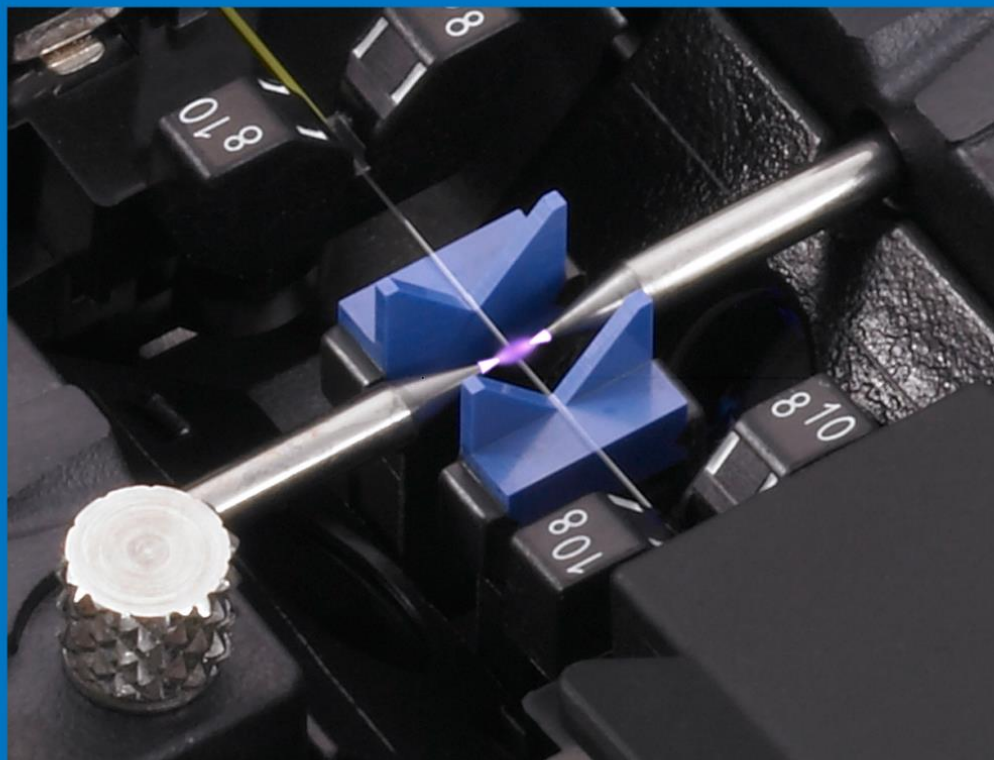
Oven performance

Splicing loss

Accurate loss estimate

Forgiving splicer

High accuracy fibre identification

Excellent performance**Splicing speed****Rapid 5s splice time****"SM G652 Quick" Mode****SUMITOMO
TYPE-72C****Sumitomo
TYPE-72C splicer achieves
faster splicing speed**

Model	Splice time
T-72C	5s
T-71C+	6s

Excellent performance**Oven performance**

Dual oven system

Rapid 9s heating time

"Slim 60mm 0.25 Quick" Mode



The Sumitomo TYPE-72C's dual high speed ovens provide the highest productivity

Model	Heating time
T-72C	9s
T-71C+	13s



Excellent performance

Splicing loss

Splice loss **0.01**dB

"SM G652 Quick" Mode



Sumitomo TYPE-72C has class leading splice loss performance.

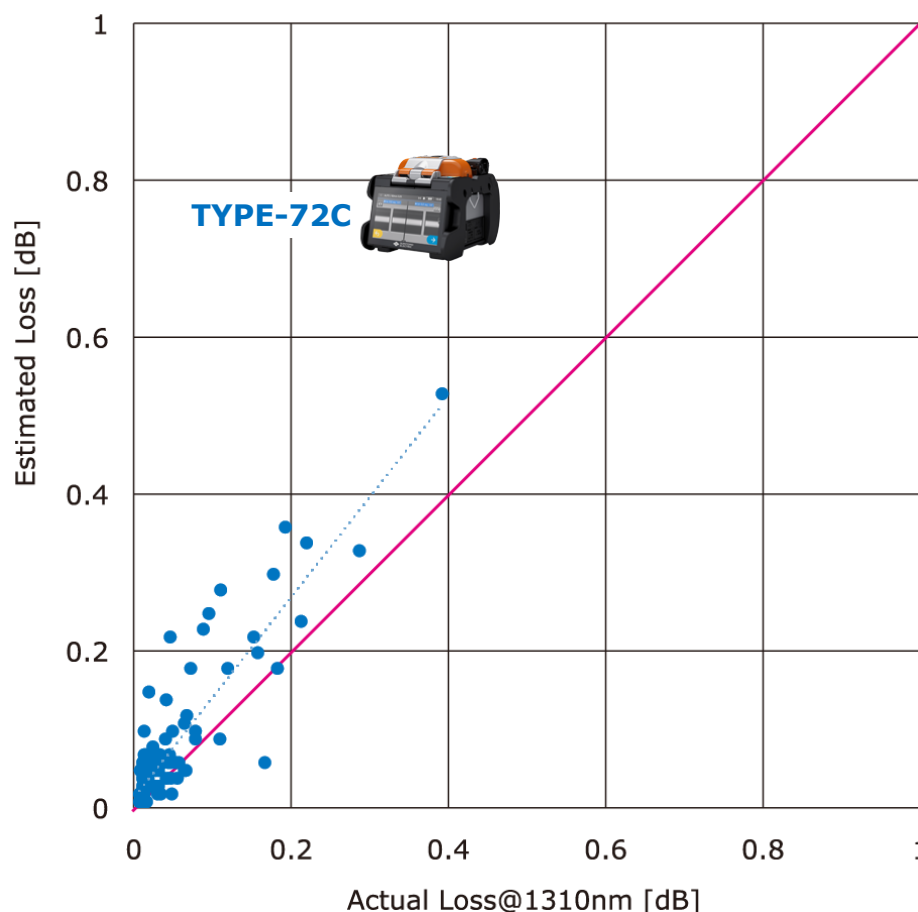
* Average value of the final inspection in room temperature with Sumitomo identical fibre. Measured by cut-back method relevant to ITU-T and IEC standards.



Excellent performance

Accurate loss estimate comparison

The TYPE-72C's High Definition Core Alignment gives the most accurate loss estimation performance

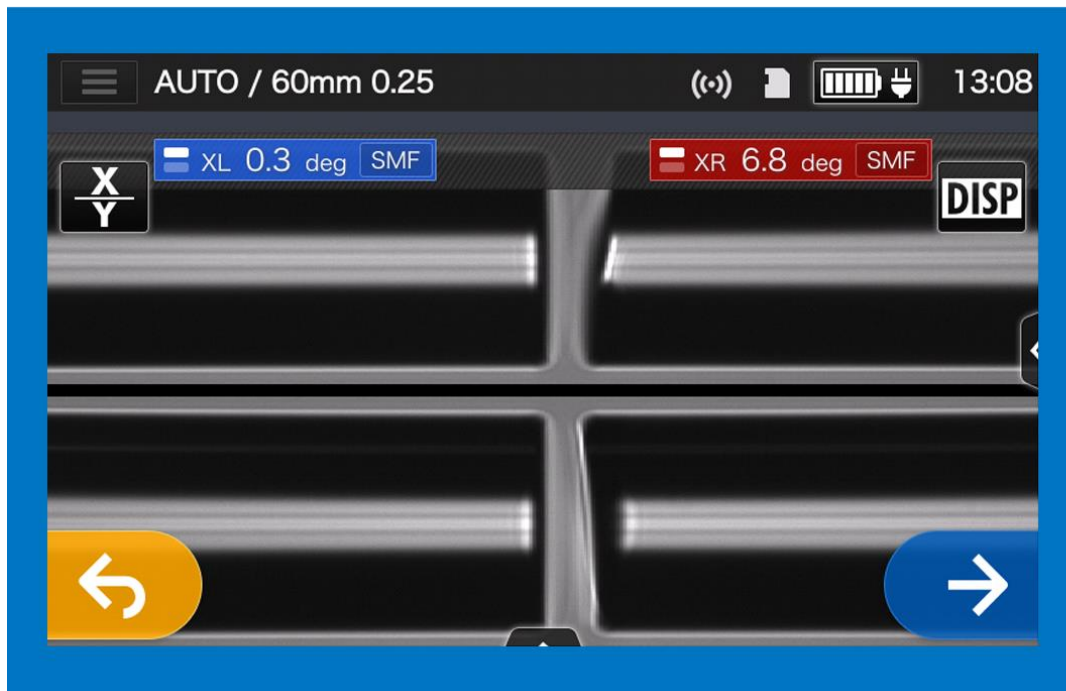


The closer the points lie to the pink line, the more accurate the loss estimates

$$y = 1.2815x$$
$$R^2 = 0.79428$$

Excellent performance

Forgiving splicer



**SUMITOMO
TYPE-72C**

**TYPE-72C even works
with very badly
cleaved fibres**

On detecting a bad cleave the TYPE-72C automatically invokes its 'High Cleave Splice' mode to make a viable splice

Sumitomo T-72-C

No.	Model	File name	Cleave angle L+R	L	R	Actual loss [dB]	Estimate loss [dB]	Δ A-E
2	T-72C	00042.MTS	6.7	3.5	3.2	0.011	0.01	+0.001



Excellent performance

High accuracy fibre identification

Category	Fibre	Sumitomo		
		TYPE-72C		
		L	R	Total
SMF(G.652)	SMF	100	100	100
MMF(G.651)	MMF 50	100	100	100
	MMF 62.5	100	100	100
DS/NZ(G.655)	LEAF	100	100	100
	PureGuide	100	100	100
BIF(G.657)	PureAccess	100	100	100
	PureAccess A2	100	100	100
	PureAccess R5	100	100	100
	ClearCurve XB	100	100	100
	ClearCurve LBL	100	100	100
	ClearCurve ZBL	100	100	100
	BendBright	100	100	100
	BendBright XS	100	100	100
	BendBright Elite	100	100	100



**SUMITOMO
TYPE-72C**

Fibre Identification

100%
with "Auto" Mode

User friendly

Brand-new touch panel and UI

Long-life battery

V-groove visibility

Splicing / Heating programme and Data storage

SumiCloud

SD card slot

Video tutorial

Cleavers

User friendly

Brand-new touch panel and UI

Wide and high resolution touch panel



User friendly

Brand-new touch panel and UI

Wide and high resolution touch panel

**TYPE-71C+****TYPE-72C**

User friendly

Brand-new touch panel and UI

Smartphone-like easy operation



User friendly

Long-life battery

Battery cycle **300** with BU-16



**Sumitomo TYPE-72C
splicer achieves longer
battery life
30% increase from
TYPE-71C+**

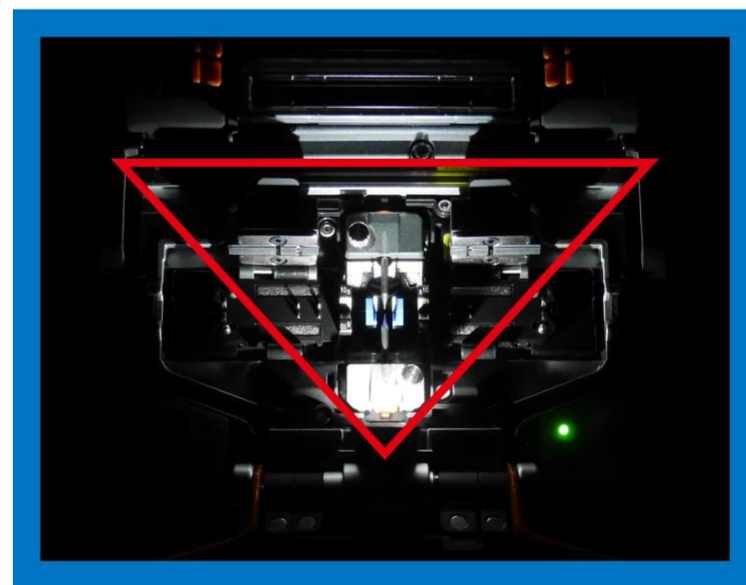
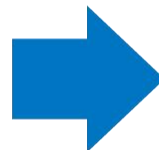
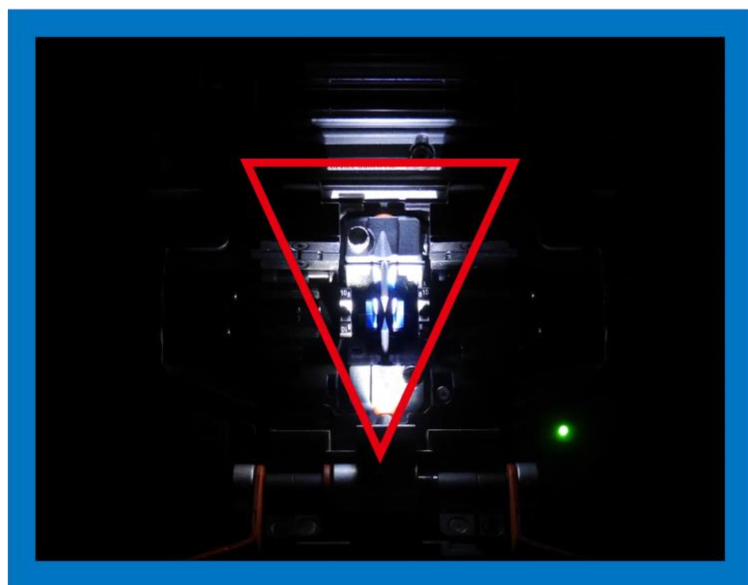
Model	Battery cycle
T-72C	300 times
T-71C+	230 times

- * The value above is under the following conditions.
- Room temperature
 - The new battery BU-16 has been activated.
 - Use "ECO Mode", "SM G652 Quick" Mode with splice and "S60mm 0.25 ECO" Mode with heating
 - Sleep time : 10sec
 - 90sec splicing & heating cycle

User friendly

V-groove visibility

Comfortable in dark space



TYPE-71C+



TYPE-72C



User friendly

Splicing / Heating programme & data storage

Can be selected and customized



User friendly

SumiCloud™

Use our SumiCloud smartphone app to enhance your TYPE-72C by connecting to the Sumitomo Cloud services

Functions:

- Splice Data Management
- Remote Screen Capture
- Help Video
- Report Builder
- Auto Diagnosis
- Software update
- Remote Lock

SumiCloud Overview

Your Fusion Splicer with SumiCloud SD card.



Wireless connection



Mobile 3G/4G connection

Smartphone with SumiCloud Application



SumiCloud Server



Internet connection.

SumiCloud web app on PC's browser to view and control your splicer



User friendly

SD card slot

The
Industry's
First



The TYPE-72C's SD card slot allows you to expand the splicer memory for data storage.

WLSD card brings SumiCloud services to your splicer via our smartphone app.

User friendly

Video tutorial

**Video tutorial
to help splicing job**



Cleavers

Automatic Blade Rotation System



Cleaves Counter

No need for blade position change

Durability

Shock resistant

Water proof

Dust protected

Operating altitude

Durability**Shock resistant**

Enhanced toughness



Built for real world operation and accidents

The TYPE-72C's robust design can survive a 76cm vertical drop for those accidents that happen in field use

*Drop from 76 cm on 5 faces (excluding top face)

*CG image is for illustration purpose

Durability**Water proof**

IPx2 certified water-proof

**Built for real weather**

IPX2 design supports its splicing performance in wet and rainy day.

*Equivalent to IPx2 (Operates normally after being exposed to water dripping at 3 mm/min. for at least 2.5 min on each of 4 surfaces tilted at 15°)

*CG image is for illustration purpose

Durability**Dust protected**

IP5x certified dust-protected

IP5x
dust
protection



TYPE-72C is made for the real world, with dust and dirt.

IP5x design supports its splicing performance in dusty environment.

* Equivalent to IP5x (Operates normally after 8 hours in a test chamber with circulating dust particles smaller size 75 um)

* CG image is for illustration purpose

Durability**Operating altitude**

Can work up to 6,000m height

Built for splicing at altitude

TYPE-72C's built in barometer and thermometer work together to optimize splice performance up to 6,000m altitude



* CG image is for illustration purpose

Thank you for your attention

SUMITOMO ELECTRIC INDUSTRIES, LTD.