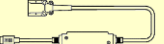
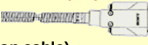
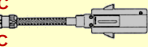
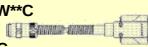
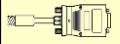
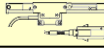
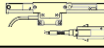
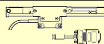
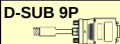
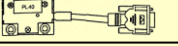
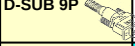
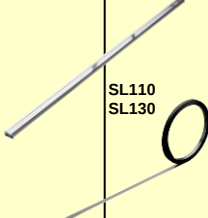
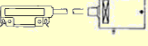
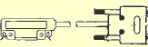
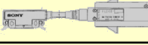
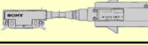
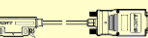
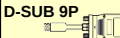


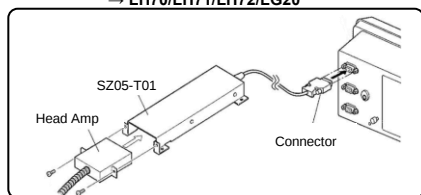
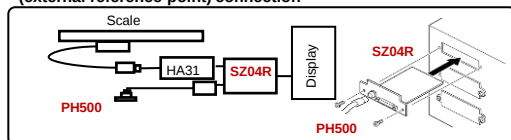
SPEED × PRECISION

Connection table Scales and Displays

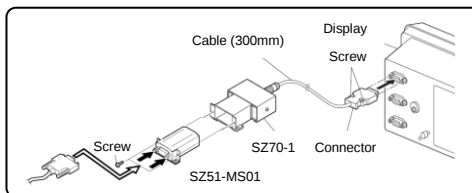
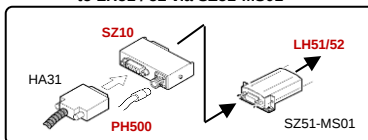
Standard
combinationEOP
End of production

 Display Scale				LF100/10 ■ LF110/120/20 LM10 LA10, LH10 LU10(A,B) ■ LH20, LH11/12 NA30/31 ■ (Digiruler)		LH30 ■		LH31(A)/32 ■ LH41/42		LH51/52/54 LH61 LY51/52		LG20 ■ LH70/71/72 LY71/72	
				■: No REF. function									
Set model name	Scale Model name	Model off cable set or Connection cable	Connector of display side or Head-amp type	INC. count	REF. Function	INC. count	INC. count	REF. function	INC. count	REF. function	INC. count	REF. function	
GP	SR1711	HK-**C	HA13/15/23/25 HA13A/15A/23A/25A 	Std. comb.	Scale with built-in reference point only: (one-way direction) SR1711R, SR801R, SR50-R	N/A	SZ05 	Scale with built-in reference point only: (one-way direction) SR1711R, SR801R, SR50-R	SZ05 	Scale with built-in reference point only: (one-way direction) SR1711R, SR801R, SR50-R	SZ05-T01  Only HA13A can be used (REF:PH100) 	Scale with built-in reference point only: (one-way direction) SR1711R, SR801R, SR50-R	
GP-R	SR1711R	HK-**CR											
GL	SR801	HK-1**C											
GL-R	SR801R	HK-2**C											
	MSS-101	HK-1**C											
GS	SR10 SR741	HK-4**C											
GF	SR50	HK-4**C											
GF-R	SR50-R	HK6-**CR											
GM	SR30	HK-4**C											
	SR801 MSS-101	MK-6** MK-7**C 	D-SUB 15P	N/A	N/A	N/A	N/A	N/A	N/A	N/A	MD20B 	One-way detection	
	SR801 MSS-101	CE07-**C 	HA31 	SZ04 	EOP SZ04-R PH500	N/A	Std. comb.	EOP SZ10 PH500 	SZ51-MS01 	EOP SZ10 PH500 	SZ70-1 	N/A	
	SR118	CE05-**C 	DIN 10 pin 	N/A	N/A	N/A	N/A	N/A	DZ51 	N/A	SZ70-1 	N/A	
		CH02-** (No armored) 											
GB	SR108 SR107	Integrated cable(3m)  CE04-** (extension cable)	HA31 	SZ04 	EOP SZ04-R PH500	N/A	Std. comb.	EOP SZ10 PH500 	SZ51-MS01 	EOP SZ10 PH500 	SZ70-1 	N/A	
GB-A	SR128	CH01-**C  CE10-**C (extension cable)	MS_UNIT 	N/A	N/A	N/A	N/A	N/A	Std. comb.	N/A	SZ70-1 	N/A	
	SR128 SR127	CH01-LW**C  CE10-**C (extension cable)	HA31 	SZ04 	EOP SZ04-R PH500	N/A	Std. comb.	EOP SZ10 PH500 	SZ51-MS01 	EOP SZ10 PH500 	SZ70-1 	N/A	
GB-ER	SR138R	CH04-03C  CE10-**C (extension cable)	D-SUB 9P 	N/A	N/A	N/A	N/A	N/A	CE30  SZ51-AB01 	Built-in ref. point	Standard combination		
	SJ300	CH33-**CPD/-**CED 	D-SUB 9P 	N/A	N/A	N/A	N/A	N/A	CE30 SZ51-MS01	N/A	Std. comb.	N/A	
	SJ700	Scale w/cable 	SJ-Unit 	N/A	N/A	N/A	N/A	N/A	Std. comb.	N/A	SZ70-1 	N/A	
	SJ700A	Scale w/cable 	D-SUB 9P 	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Std. comb.	N/A	
SET-A02 GA	SL404(410)		D-SUB 9P 	N/A	N/A	Std. comb.	N/A	N/A	N/A	N/A	N/A	N/A	
	SL110 SL130	PL20 	HA2 	Std. comb. WI NA30/31	N/A	N/A	EOP SZ09 	N/A	EOP SZ51-DR01 SZ09 	N/A	EOP SZ70-1 SZ51-DR01 SZ09	N/A	
		PL20A 	D-SUB 9P 	EOP SZ06 	N/A	N/A	Std. comb.	N/A	EOP SZ51-DR01 	N/A	EOP SZ70-1 SZ51-DR01	N/A	
		PL20B 	DR_UNIT 	N/A	N/A	N/A	N/A	N/A	Std. comb.	N/A	SZ70-1	N/A	
		PL20C 	D-SUB 9P 	N/A	N/A	N/A	N/A	N/A	N/A	CE30 SZ51-AB01	N/A	Std. comb.	N/A

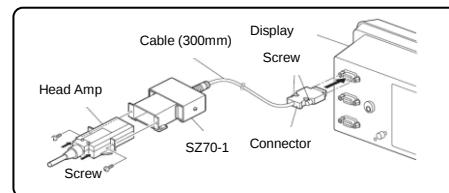
Connection examples

GP, GS, GF, GF-R, GM→SZ05-T01
→ LH70/LH71/LH72/LG20Counter connection to head amplifier input with PH500
(external reference point) connection

GB → SZ51-MS01 → SZ70-1 → LH70/LH71/LH72/LG20

Connect HA31 and PH500 (external origin) by SZ10
to LH51 / 52 via SZ51-MS01

GB-A → SZ70-1 → LH70/LH71/LH72/LG20



Caution:

- 1) One-way detection reference point (PH100)
It can be read from both directions. However, in the opposite direction, it will be off by about 8 mm.
- 2) Scheduled to be discontinued
SZ06, SZ09, SZ51-DR01 are available until the end of Sep. 2021
SZ04R and SZ10 are available until the end of Dec. 2021
- 3) PH500 was discontinued in Dec. 2020
SZ51-AB01 was discontinued in Jan. 2023