

## 4 PARTS

### 4.1 UNITS

Item	Ordering code	Description
A1a	5322 214 91839	A1 Signal unit PM3370B
A1b	5322 214 91501	A1 Signal unit PM3380B
A1d	5322 214 90898	A1 Signal unit PM3384B
A1e	5322 214 91838	A1 Signal unit PM3390B
A1g	5322 214 90724	A1 Signal unit PM3394B
A2a	5322 216 04243	A2 XYZ amplifier unit 100 MHz
A2b	5322 216 04244	A2 XYZ amplifier unit 200 MHz
A3a	5322 216 51282	A3 Microprocessor unit digital
A3b	5322 216 51283	A3 Micro proc. unit digital + IEEE
A4	5322 214 90726	A4 Front PCB
A5	5322 214 90727	A5 CRT controls unit
A6	5322 216 04247	A6 Power supply unit digital.
A8a	5322 214 90894	A8 Digitizer 200 MHz Standard
A8b	5322 214 91029	A8 Digitizer 200 MHz Ext. Mem.
A8c	5322 214 91026	A8 Digitizer 60/100 MHz Standard
A8d	5322 214 91028	A8 Digitizer 60/100 MHz Ext. Mem.
A10	5322 214 90895	A10 Connector board
--	5322 218 61479	Extension unit for A3, A6 and A8

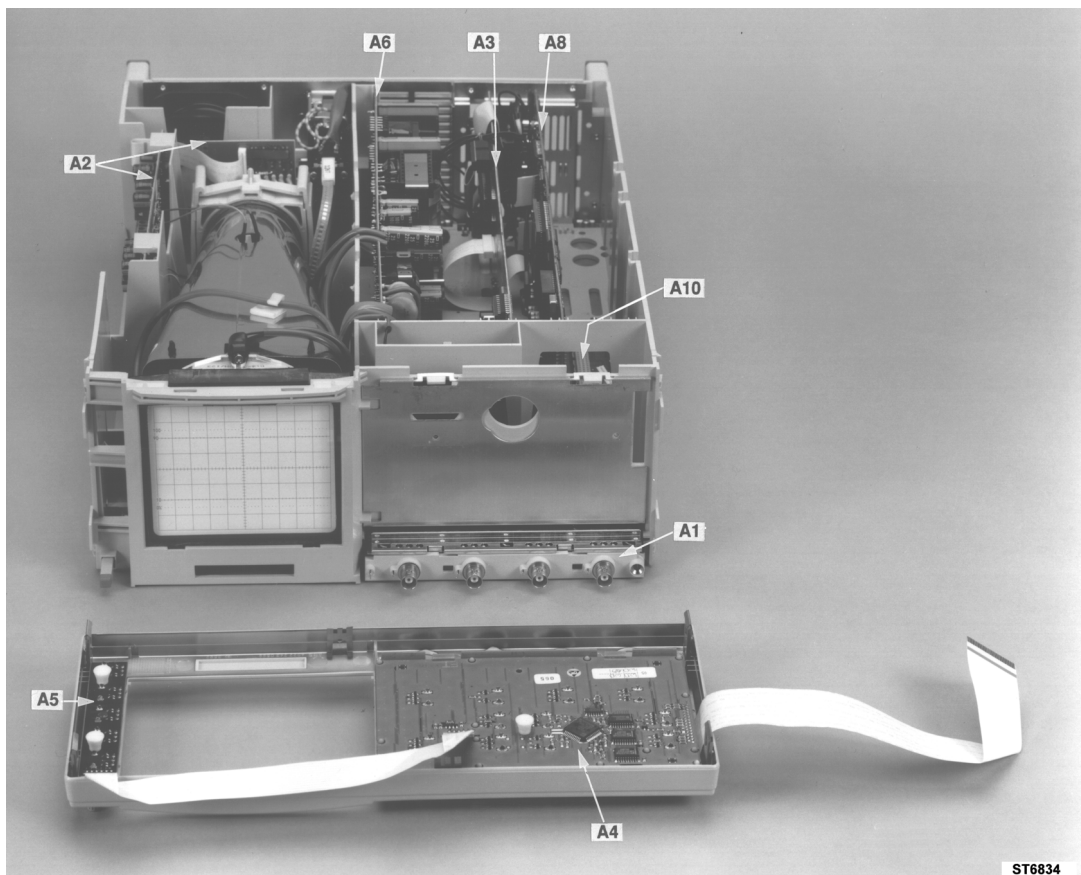


Figure 4.1 Unit Locations

## 4.2 INTERCONNECTION CABLES

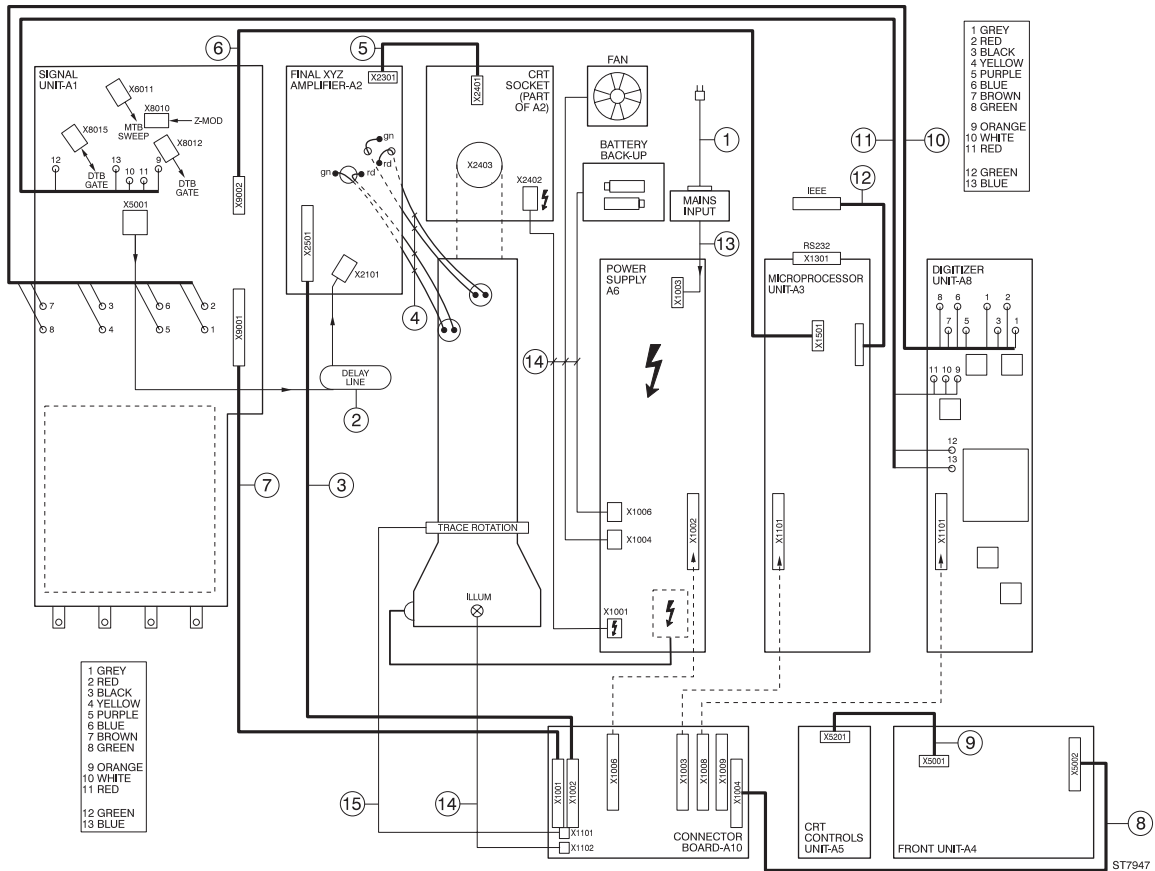


Figure 4.2 Units lay-out and Interconnections

Item	Ordering code	Description
1a	5322 321 21616	Line cord European type
1b	5322 321 10446	Line cord USA type
1c	5322 321 21617	Line cord British type
1d	5322 321 21618	Line cord Swiss type
1e	5322 321 30387	Line cord Australian type
1f	5322 321 30386	Line cord South Africa
2a	5322 320 40281	Delay line PM3370B/8xB
2b	5322 214 90732	Delay line PM339xB
3	5322 321 61284	Flat cable 50-pole 18 cm
4	5322 321 61291	Red wire to CRT, 105 mm (4/instr., can be adapted to otherlengths)
5	5322 321 61287	White flat cable 12-pole
6	5322 321 61286	White flat cable 16-pole
7	5322 321 61283	Flat cable 50-pole 10 cm
8	5322 321 61288	White flat cable 28-pole
9	5322 321 61289	White flat cable 12-pole
10	5322 320 50309	50Ω coax 8 x 60 cm
11	5322 320 50311	50Ω coax 2 x 60 cm + 3 x 47 cm
12	5322 320 50312	IEEE cable with connector
13a	5322 267 50452	Housing 5 pole (2 per cable)
13b	5322 268 24128	Contact pin (3 per cable)
14a	5322 268 40232	Housing 2 pole (1 per cable)
14b	5322 268 20176	Contact pin (2 per cable)
15a	5322 268 40233	Housing 3 pole (2 per cable)
15b	5322 268 20176	Contact pin (6 per cable)

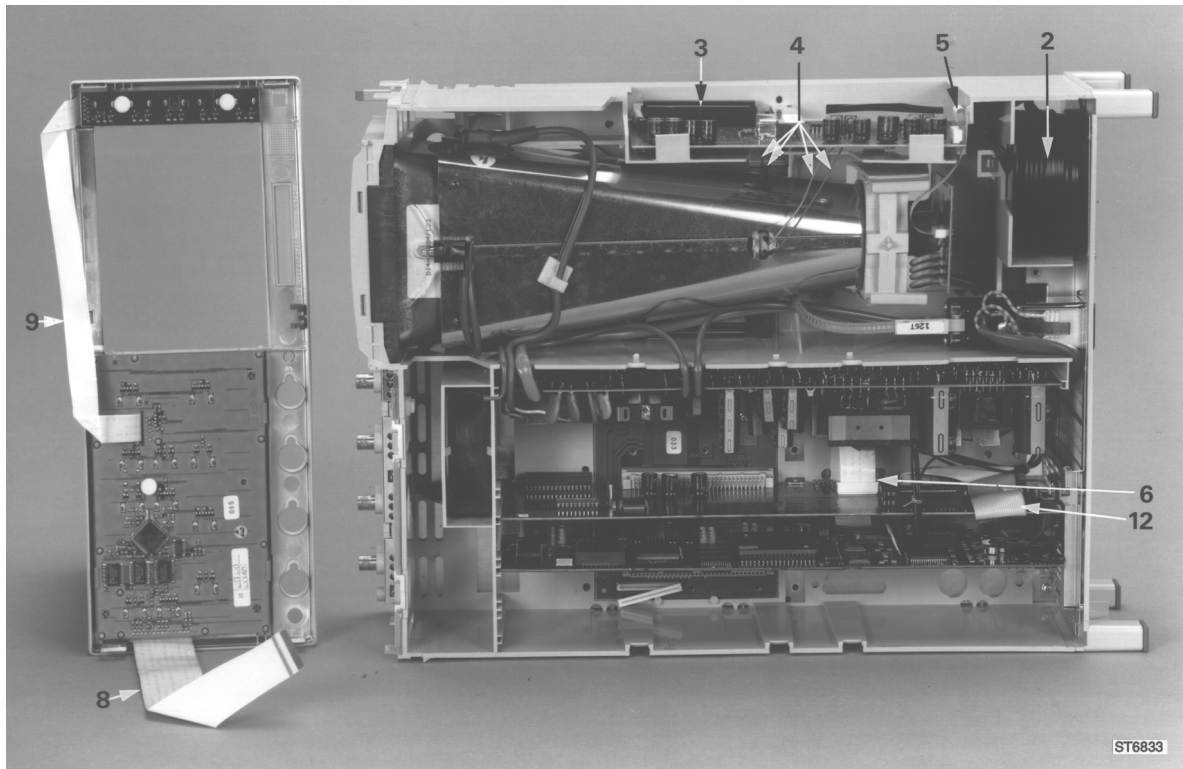


Figure 4.3 Cable locations, top side

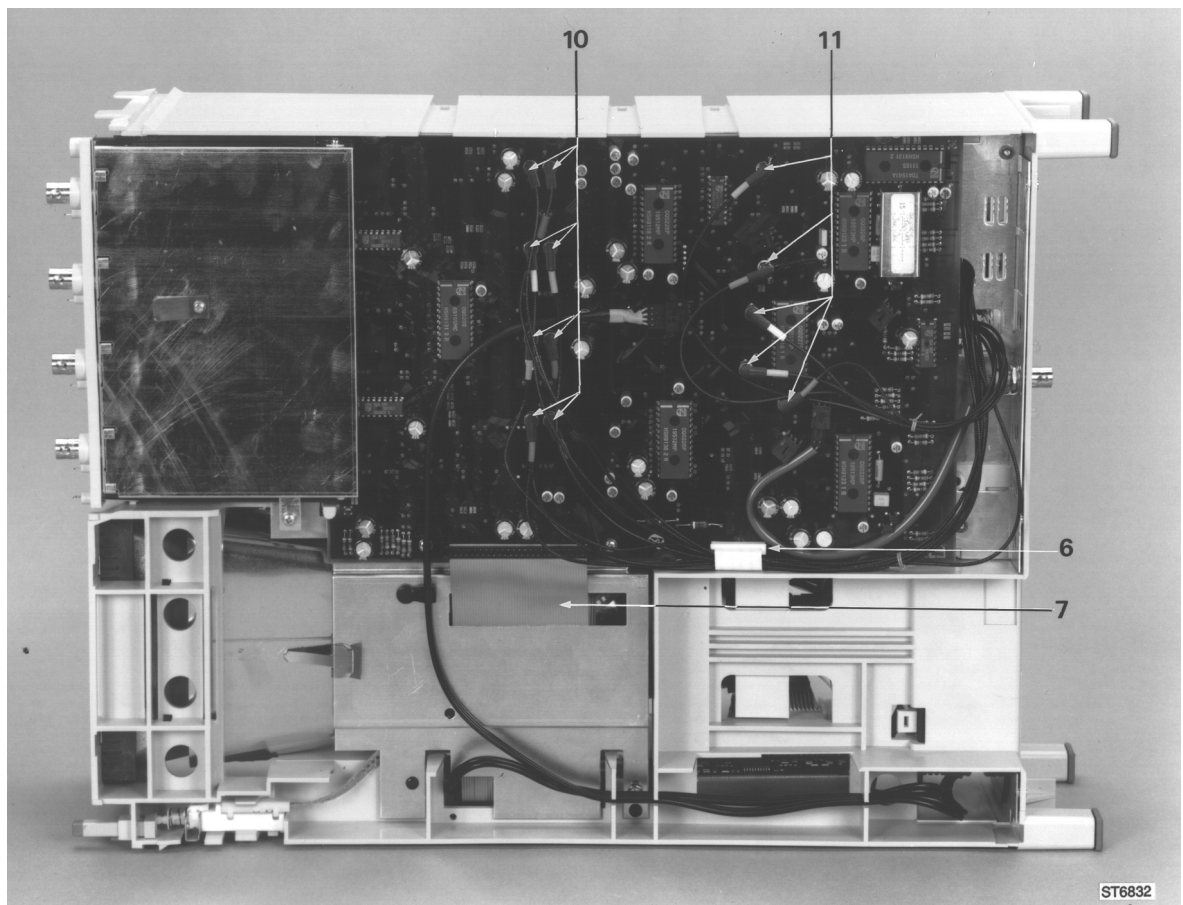
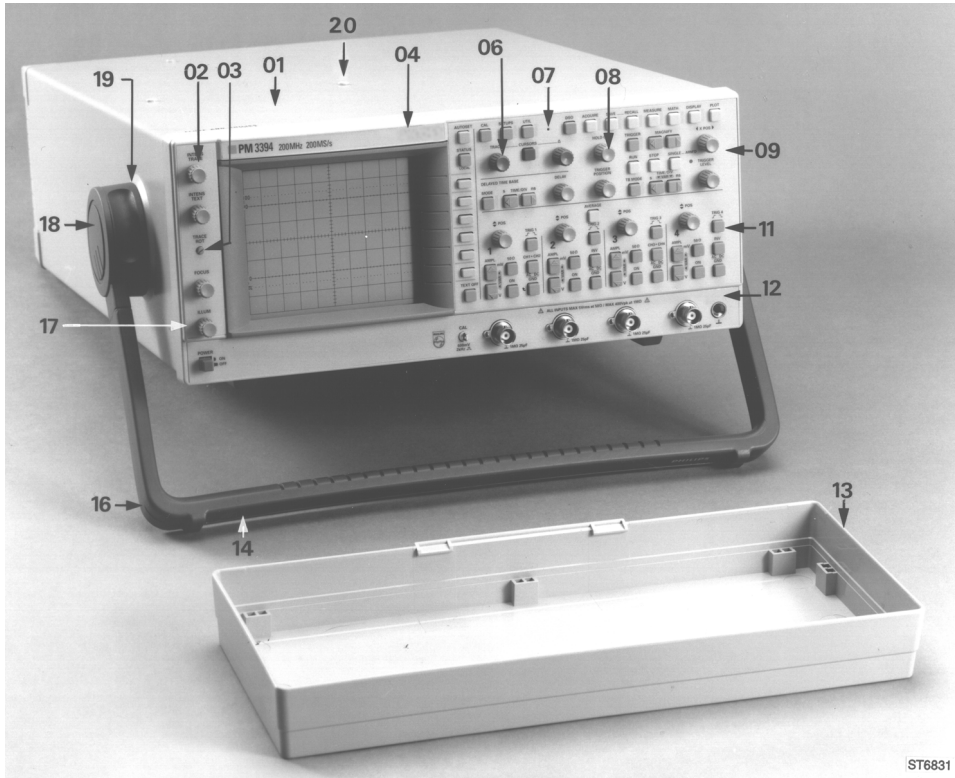


Figure 4.4 Cable locations, bottom side

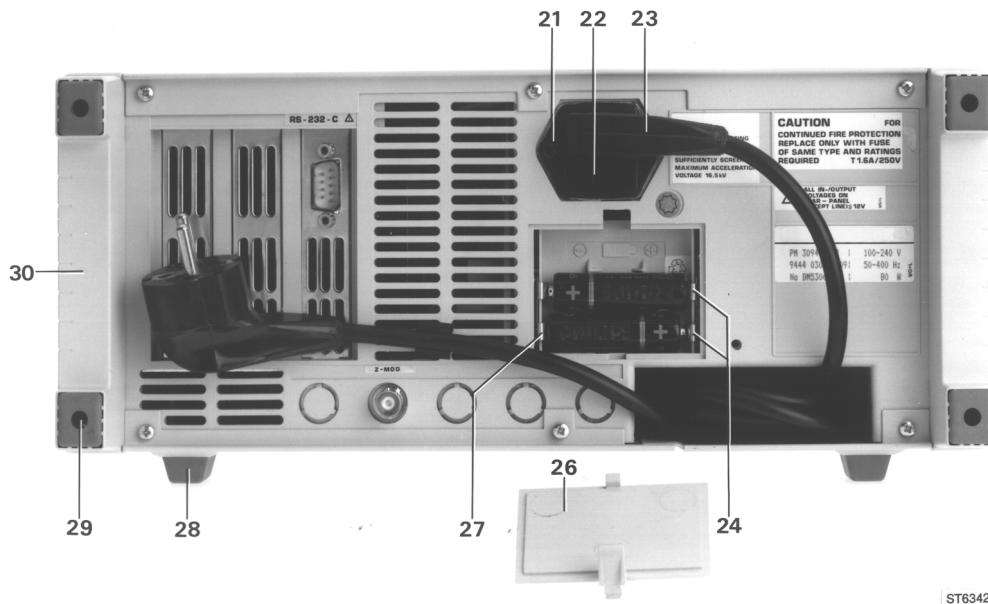
### 4.3 MECHANICAL PARTS



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Figure 4.5 Mechanical parts, front and side panel

Item	Ordering code	Qty	Description
01	5322 447 91922	01	Cabinet
02	5322 414 20404	11	Light grey control knob
03	5322 535 93245	01	TRACE ROT shaft
04a	5322 454 13193	01	Textstrip bezel PM3394B
04c	5322 454 13192	01	Textstrip bezel PM3390B
04d	5322 454 13191	01	Textstrip bezel PM3384B
04f	5322 454 13189	01	Textstrip bezel PM3380B
04g	5322 454 13188	01	Textstrip bezel PM3370B
06	5322 414 20406	02	Dark grey control knob
07	5322 455 81144	01	CAL-SEAL sticker
08	5322 414 20405	02	Dark mushroom control knob
09a	5322 455 81191	01	Textplate (adhesive) PM33x4B
09c	5322 455 81206	01	Textplate (adhesive) PM33x0B
11a	5322 414 20482	01	Pushbutton mat PM33x4B
11c	5322 414 20497	01	Pushbutton mat PM33x0B
12a	5322 456 10025	01	Textstrip BNC's PM3394B
12b	5322 455 81211	01	Textstrip BNC's PM3390B
12c	5322 455 81178	01	Textstrip BNC's PM3384B
12d	5322 455 81207	01	Textstrip BNC's PM3380B/70B
13	5322 447 70121	01	Front cover
14	5322 455 81181	01	Textstrip handle Fluke
16	5322 498 50326	01	Handle complete
17	5322 455 81141	01	Textstrip CRT controls
18	5322 462 41848	02	Handle cover
19	5322 498 50268	02	Locking clip
20	5322 462 41695	04	Plug for pouch holes



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Figure 4.6 Mechanical parts, rear panel

Item	Ordering code	Qty	Description
21	5322 219 82813	01	Mains input connector
22	4822 070 33152	01	Fuse 5x20 3,15 AT
23	see interconnections		Line cord
24	5322 492 70941	02	Contact spring single
25	see chapter 2.10.2	02	Batteries
26	5322 456 90426	01	Battery compartment cover
27	5322 492 70975	01	Contact spring dual
28	5322 462 41697	04	Bottom foot
29	5322 462 41846	04	Rear foot
30	5322 256 91793	02	Rear socle

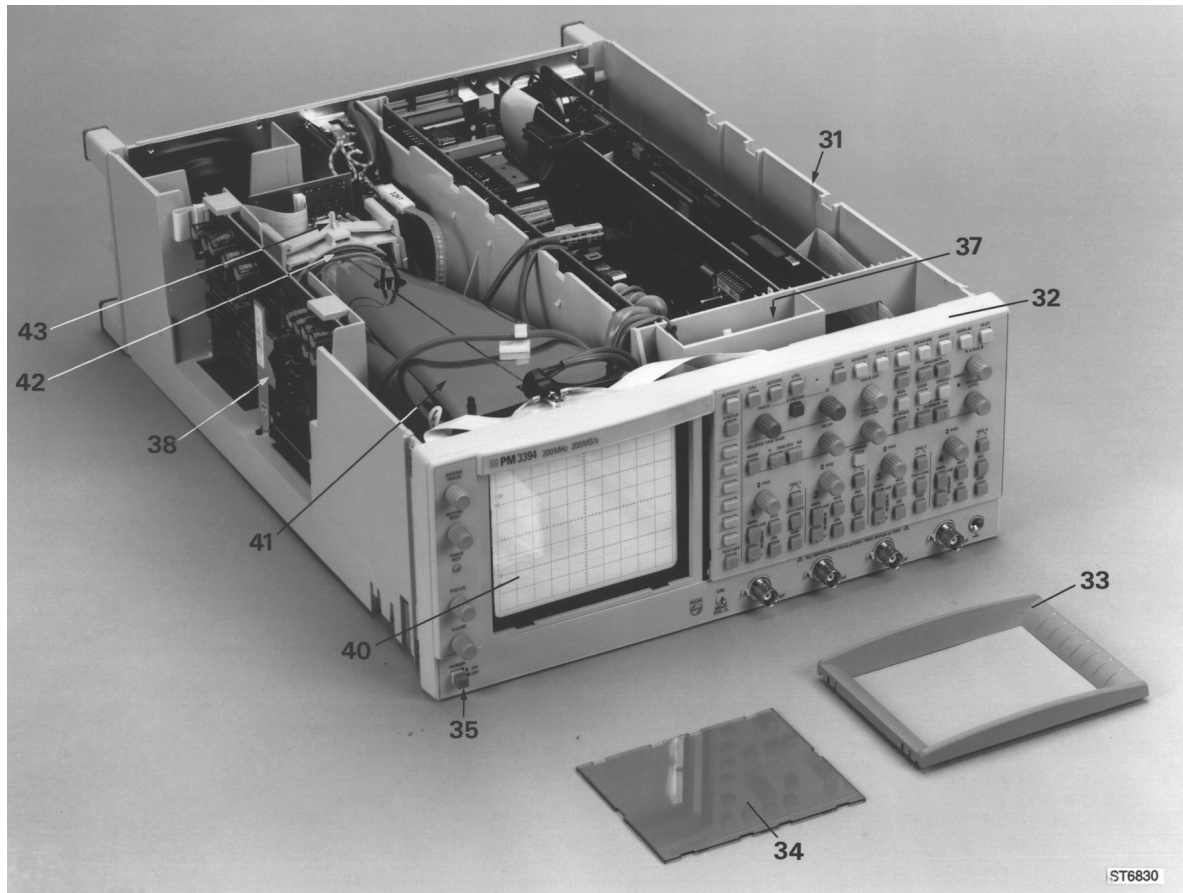


Figure 4.7 Mechanical parts inside instrument

Item	Ordering code	Qty	Description
31	5322 464 90708	01	Chassis complete
32	5322 447 91923	01	Front frame
33	5322 381 11276	01	Bezel
34	5322 480 30181	01	Blue contrast filter
35	5322 414 20568	01	Power on/off knob
37	5322 361 10614	01	Fan
38	5322 255 41227	01	Heatsink
40a	5322 131 11065	01	CRT D14-373GH/123 (V 0001) - PM3370B/8xB
40b	5322 131 11179	01	CRT D14-383GH/123 (V 0001) - PM339xB
41	5322 466 30493	01	CRT shielding
42	5322 466 30164	01	CRT manchet, rubber
43	5322 462 10263	01	CRT support, plastic

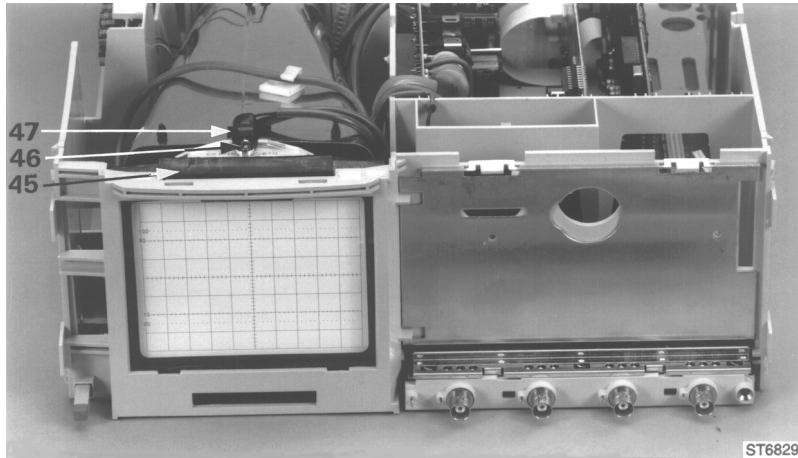


Figure 4.8 Mechanical parts behind front panel

Note: for items not listed refer to chapter 4.1.2 and 4.2.

Item	Ordering code	Qty	Description
45	5322 460 60404	01	CRT frontrubber
46	5322 462 40957	01	Light conductor
47	5322 134 41076	01	Lamp 28V 80mA (E 1001)
60	5322 492 71668	01	Earth contact @ top of front
61	5322 492 71669	01	Earth contact @ bottom of front
62	5322 492 70965	04	Earth contact @ side of front



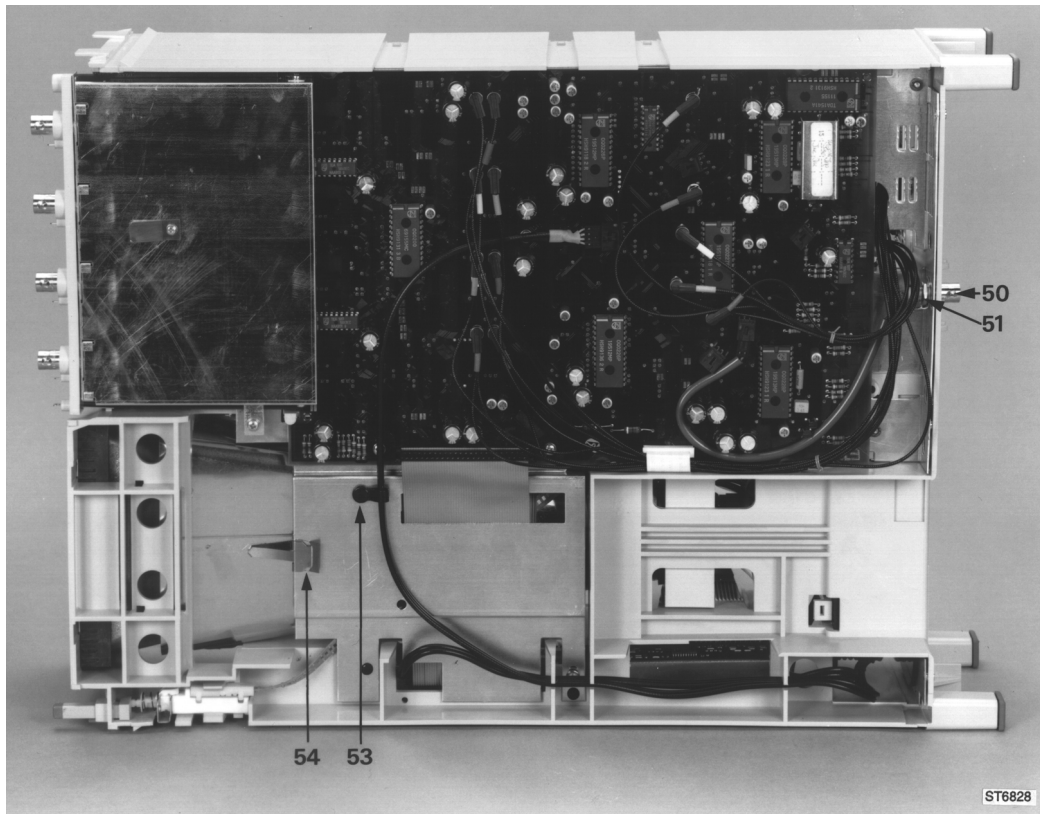


Figure 4.9 Mechanical parts, bottom view

Item	Ordering code	Qty	Description
50	5322 267 10004	01	BNC connector Z-mod
51	5322 290 34022	01	Solder tag for Z-mod
53	5322 401 10954	01	Clamp for delay line (plastic)
54	5322 290 61045	01	Earth contact CRT shielding

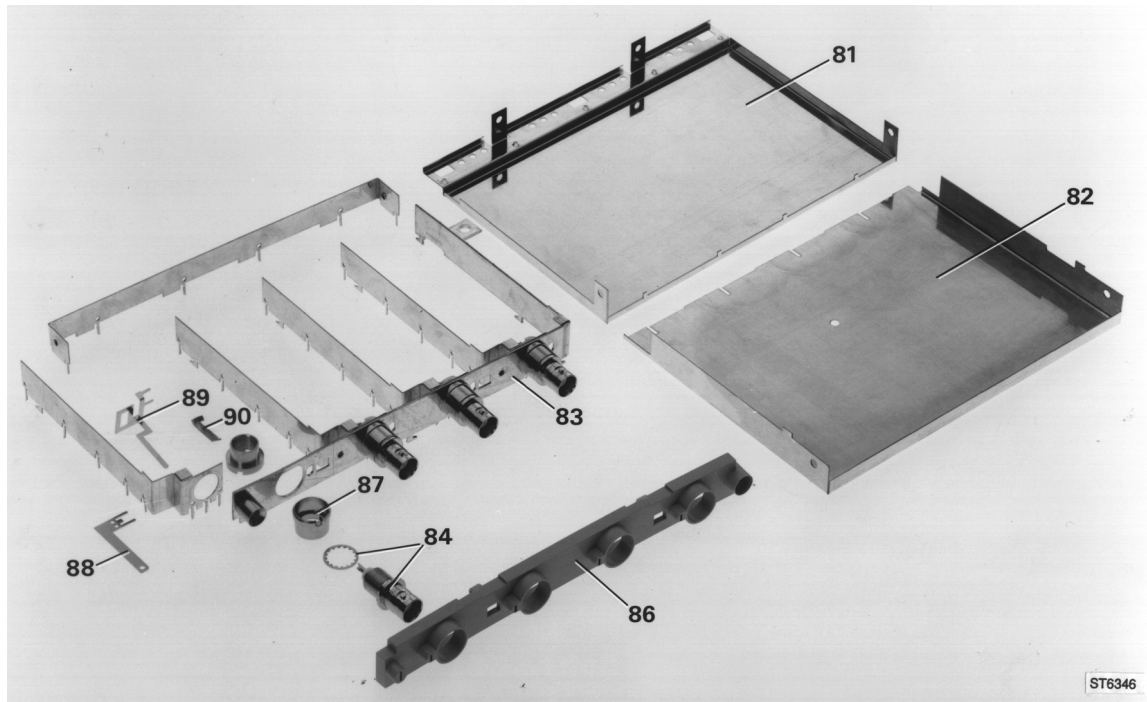


Figure 4.10 Mechanical parts, screening of input circuit

Item	Ordering code	Qty	Description
81	5322 466 30405	01	Top shielding
82	5322 466 30404	01	Bottom shielding
83	5322 256 91792	01	BNC holder
84	5322 267 10191	04	BNC coax connector
86	5322 462 41847	01	BNC insulator, plastic
87	5322 532 21188	04	BNC spacer
88	5322 535 93244	01	Probe calibration pin
89	5322 492 70939	04	Indication spring
90	5322 401 11419	04	Soldering bracket for BNC