

INSTRUMET 19" CASES

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FEATURES:

- Modern aluminium 19" instrument cases
- Light weight yet robust construction
- Conforms to DIN 41494 & IEC 297-1
- Designed to accept standard 3U x 19" subracks, chassis and front panels
- Attractive design with die-cast front and rear bezels and fabricated case body
- Two versions, in three sizes
- Standard models with ABS side handles
- Portable models with tilt/swivel aluminium carry handle bar
- Supplied fully assembled and ready to use
- Internal subrack/chassis support rails
- Removable rear panel included
- Ventilation holes in base and rear panels
- Three M4 earth studs provided inside
- Moulded ABS non-slip tilt feet included
- Anodised 10.5"/19" front panels available as accessories

MATERIAL:

- Aluminium

PROTECTION CLASS:

- < IP 40 (Not rated)

STANDARD COLOUR:

- Front bezel - window grey, RAL 7040
- Case body - light grey, RAL 7035 (powder polyester paint)

SUPPLY:

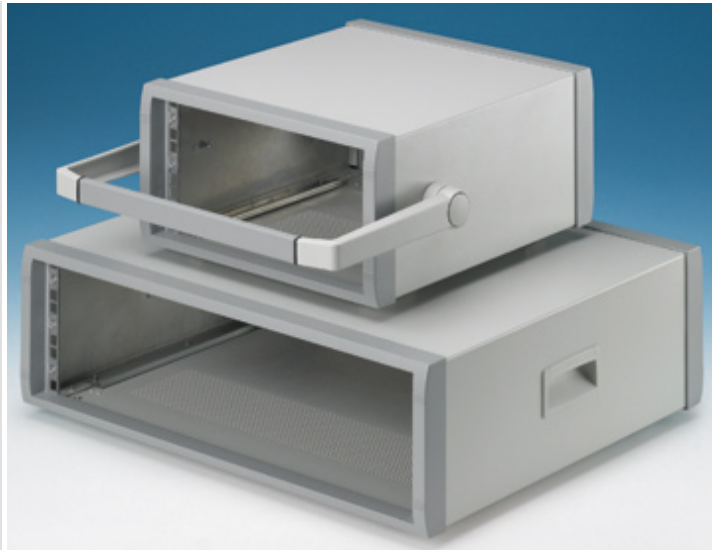
1. Front/rear bezel (x2)
2. Top cover
3. Base panel
4. Rear panel
5. Chassis support
6. ABS Side handle
7. Aluminium carry handle
8. ABS tilt feet
9. M4 x 10 mm (x8)
M4 x 12 mm (x4)
10. M3 x 8 mm (x12)

ACCESSORIES:

- 10.5"/19" Front Panel
- 19" Subrack/ Front Panel Mounting Kit

APPLICATIONS:

- 19" subrack or chassis based electronics such as test and measurement equipment, networking and communications devices, industrial computers, sound and studio systems, laboratory instruments and industrial control systems.

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Modern 19" Instrument Cases



Subrack Mounting



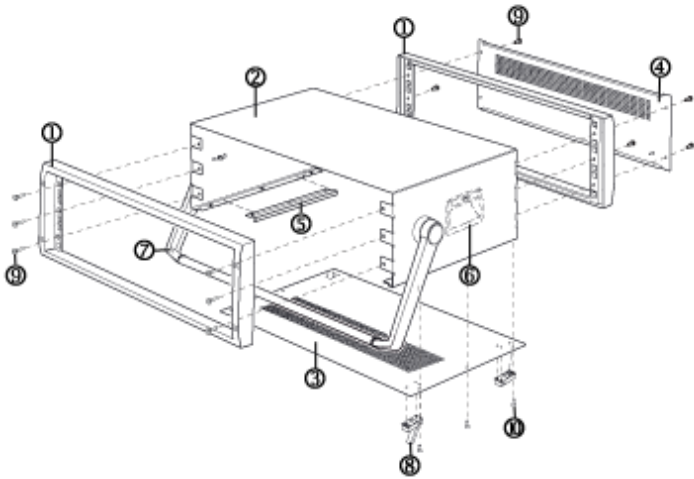
Carry Handle Bar





ABS Tilt Feet



Accessory Front Panels



INSTRUMET 10.5" CASES

										
Part No. Standard Model		Part No. Portable Model		Type	H	W	D	Drawings		
M6010305		£		3U x 10.5"	157	303	350	PDF	DWG	
			M6010315	£	3U x 10.5"	157	303	350	PDF	DWG

INSTRUMET 19" CASES

										
Part No. Standard Model		Part No. Portable Model		Type	H	W	D	Drawings		
M6019305		£		3U x 19"	157	516	350	PDF	DWG	
			M6019315	£	3U x 19"	157	516	350	PDF	DWG
M6019325		£		3U x 19"	157	516	450	PDF	DWG	
			M6019335	£	3U x 19"	157	516	450	PDF	DWG

ACCESSORIES



For case..	Part No. Aluminium Front Panel		Part No. Subrack/Front Panel Mtg Kit*	Drawings	
3U x 10.5"	M6010001	£		PDF	DWG
3U x 19"	M6019001	£		PDF	DWG
All			M6000035	£	

Notes:

* Front Panel Kit - Anodised front panel

* 19" Subrack/Front Panel Mounting Kit - 4 M6 caged nuts, 4 M6 Screws & 4 ABS plastic washers (RAL 7035)

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[Customising](#)

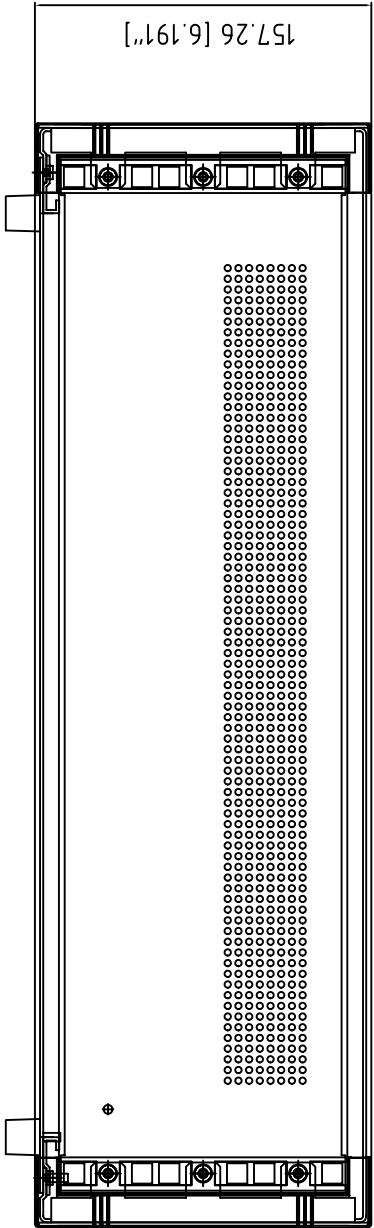
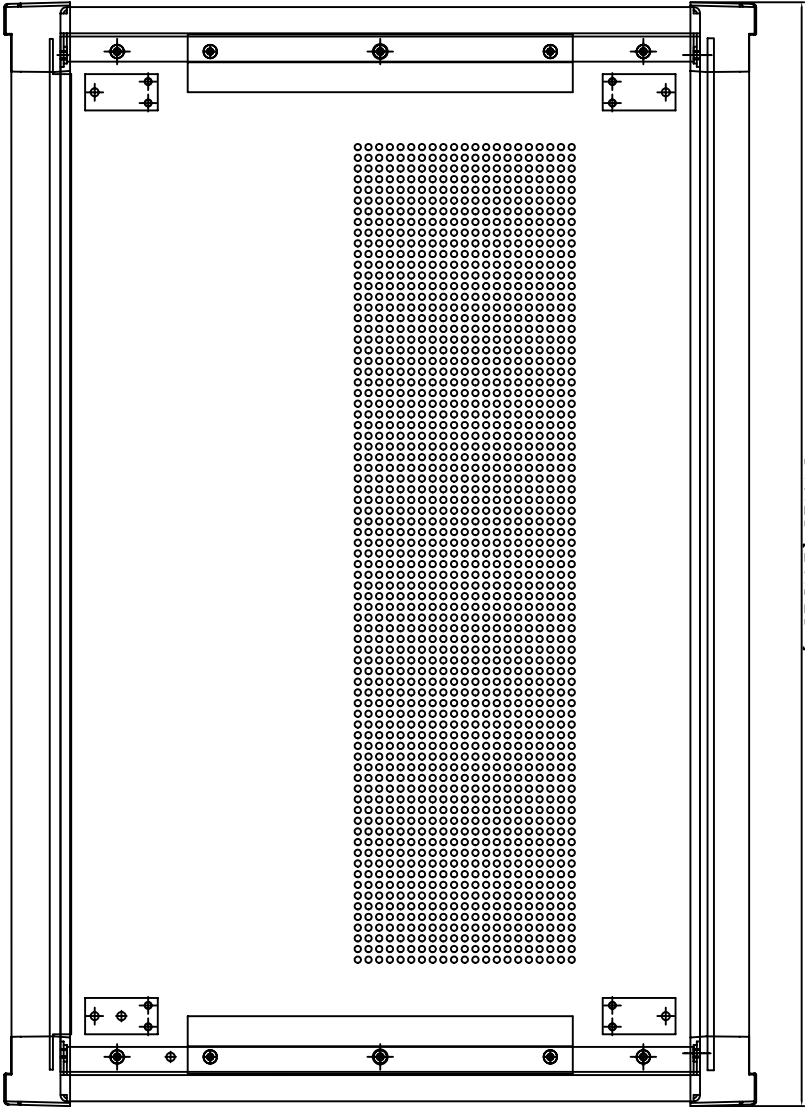
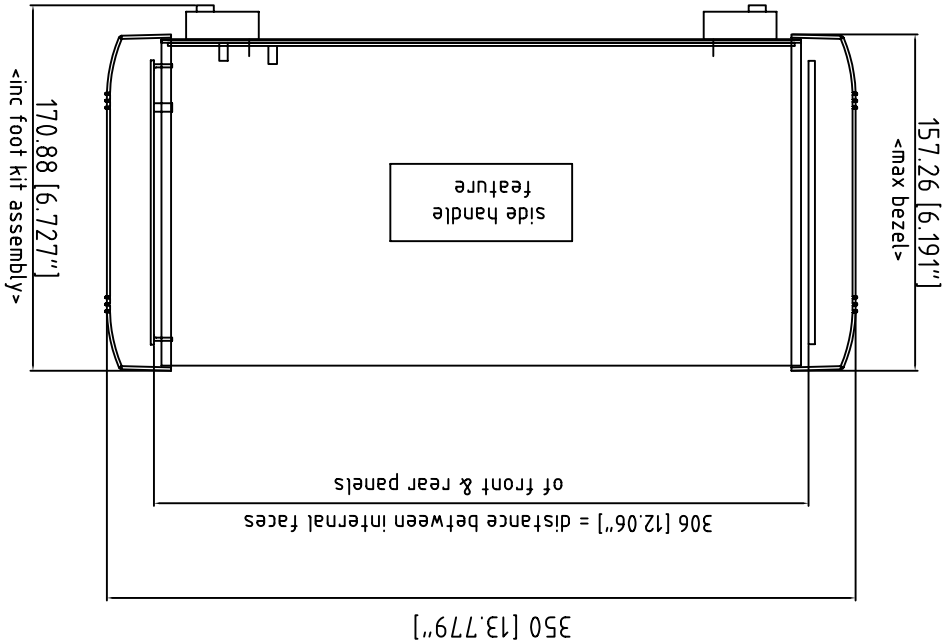
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FIRST ANGLE PROJECTION

Modifications

Iss

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Notes.

1) The geometry is in colour coded blocks as follows:

- case body – white
- base panel – magenta
- rear panel – yellow
- internal chassis supports – navy blue
- bezels – pale blue
- feet – red
- front panel (optional accessory) – green

2) The rear panel & base panel are vented with 3mm dia holes as follows:

- rear – 648 off
- base – 1701 off

3) The case body, base & rear panels are made from 1.5mm thick aluminium & painted fine texture powder RAL 7035. All parts have M4, x 10 studs fitted for earthing.

4) The bezels are painted fine texture powder RAL 7040.

5) The side grip handles are moulded ABS RAL 7035.

6) The front panel (optional accessory) is made from 3mm aluminium & has an etch & clear anodise finish.

Tolerances unless otherwise stated:		Required Finish:		Scale: 1:1		ALL DIMENSIONS IN MILLIMETRES		DO NOT SCALE	
General tolerances ±0.20		See notes		Drawn by: Ian Cox		Checked By:		Drawing Number	
Resultant tolerances between hole centers ±0.15								--	
Tolerances on hole diameters ±0.05								Date drawn: Nov '07	
Angles ± 0.5°								Material Spec.	
Surface finish 32/									
		METcase		METCASE ENCLOSURES		Part Name		Instrument 3U x 19" x 350mm - Side Handles	
		www.metcase.com		15 Brunel Way		Part Number			
				Segensworth East, Fareham, Hampshire, PO15 5TX, UK.		M6019305		Sheet 1 of 1	