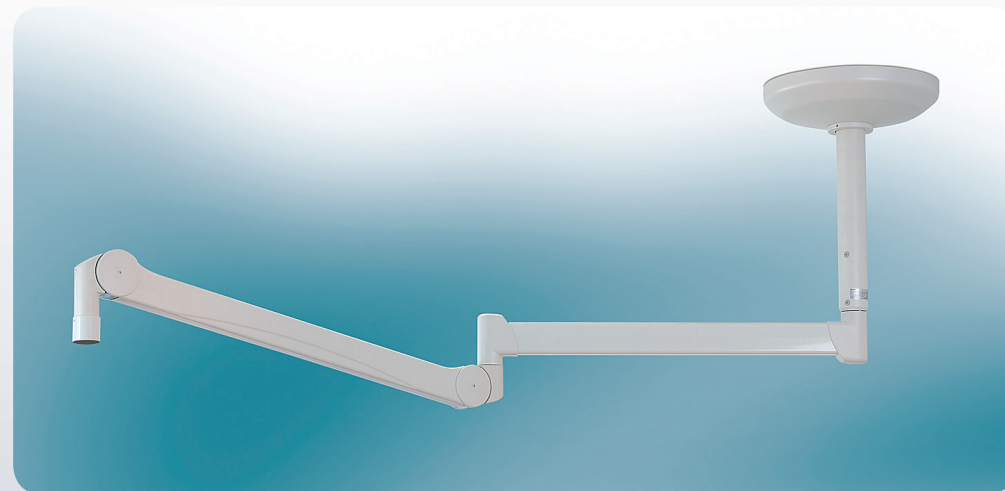


LIGHT DUTY SYSTEMS

OPERATING ROOMS
EXAMINATION ROOMS
PATIENT ROOMS



ACROBAT® 2000

PRODUCT CATALOG



ondal[®]
Medical Systems

Movement - light as a feather

ACROBAT[®] 2000

Dear customer,

With the ONDAL Pendant Systems we provide a large number of variation possibilities for carrying and positioning end devices like monitors/flat screens, OR and examination lights, etc.

Pay load:

One of the most important criteria for the choice of a pendant system is the payload which a pendant system can support safely. ACROBAT[®] 2000 can carry loads up to 21 kg. Different spring versions are available. The springs are also adjustable to the specific weight of an end device.

Cable tests:

Additionally we offer cable tests. We pull your supplied or specified cables through the spring and extension arm to check if they are suitable. On demand we also conduct life time tests with the cables.

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The **conformity** of the products had been assessed using the procedure referred to in **Annex VII of Directive 93/ 42 EEC**.

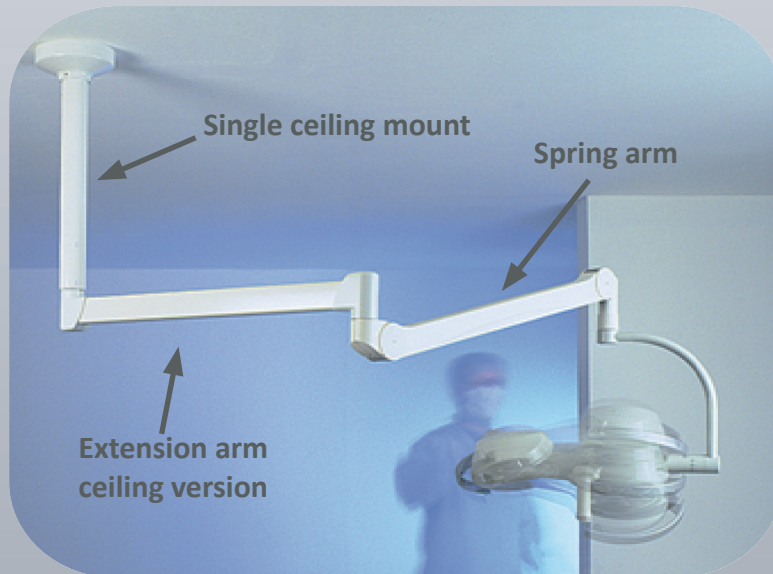
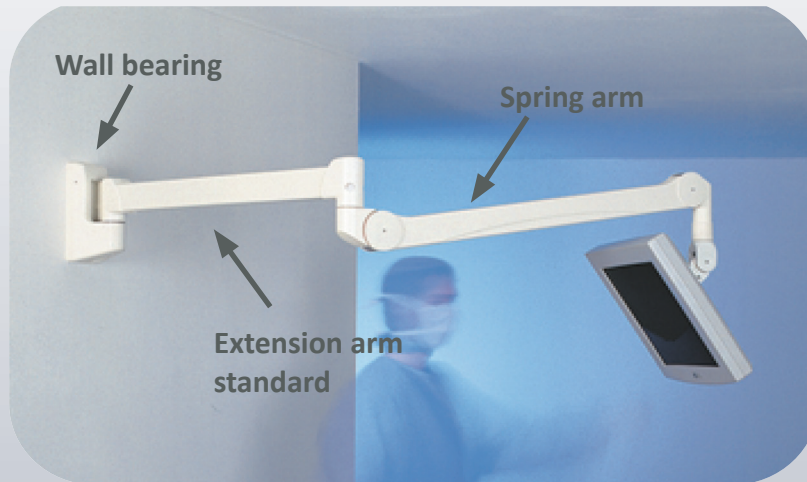
Most of our products are Recognized by **Underwriters Laboratories Inc.** Representative samples of this products have been evaluated by UL and meet applicable UL requirements.

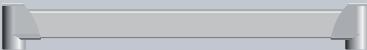
Validation of final product after combination with ACROBAT[®] 2000 is customer's responsibility.

Data and content are subject to change.


Ondal Medical Systems GmbH, Hünfeld


Survey of ACROBAT[®] 2000 components

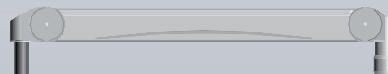


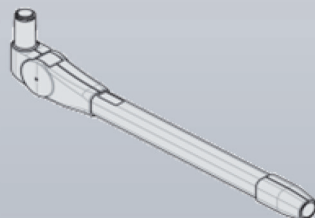
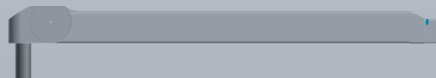
Extension arm		Reference Material Number	
		RAL 9002	RAL 9010
Extension arm for wall version and dual ceiling mount			
<ul style="list-style-type: none"> • Rotation extension arm: approx. 180°/ 235° • With slide bearing 			
	Extension arm length 600 mm		
	• 3-pole	On request	On request
	• With stop	1913889	On request
	Extension arm length 750 mm		
	• 3-pole	1839954	On request
	• With stop	1895471	On request
	Extension arm length 950 mm		
	• 3-pole	On request	On request
	• With stop	1933250	On request


Extension arm		Reference Material Number	
		RAL 9002	RAL 9010
Extension arm for ceiling version			
<ul style="list-style-type: none"> • Rotation extension arm: approx. > 360°/ 310° • With slide bearing 			
	Extension arm length 600 mm		
	• With stop	1915805	On request
	Extension arm length 750 mm		
	• 3-pole	1839953	1840108
	• With stop	1881158	On request
	Extension arm length 950 mm		
	• 3-pole	1862960	1874051
	• With stop	1869000	1940133


Spring arm for central axes		Spring version	Reference Material Number	
			RAL 9002	RAL 9010
<ul style="list-style-type: none">• With pressure spring and exact parallel guidance• Vertical connection• External adjustment of weight				
	Spring arm length 910 mm			
	• 3-pole	1,5-3,5 kg	1913884	On request
		3,5-7 kg	022200226	022200247
		7-12 kg	022200526	022200547
		12-18 kg	022200726	022200747
		13,5-21 kg	1882030	1871102
	• With stop	1,5-3,5 kg	On request	On request
		3,5-7 kg	1919921	On request
		7-12 kg	1927566	On request
		9-15 kg	1926524	On request
		12-18 kg	1919998	On request
		13,5-21 kg	1938708	On request

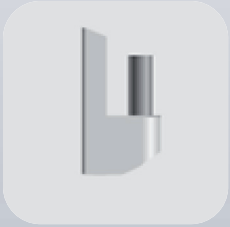

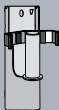
Spring arm for wall or ceiling mount		Spring version	Reference Material Number	
			RAL 9002	RAL 9010
<ul style="list-style-type: none">• With pressure spring and exact parallel guidance• Vertical connection• External adjustment of weight				
	Spring arm length 500 mm			
	• With stop	6-9 kg	On request	On request
	Spring arm length 700 mm			
	• With stop	9-15 kg	1930379	On request
	Spring arm length 910 mm			
	• 3-pole	1,5-3,5 kg	1913884	On request
		3,5-7 kg	022200226	022200247
		7-12 kg	022200526	022200547
		12-18 kg	022200726	022200747
		13,5-21 kg	1882030	1871102
	• With stop	1,5-3,5 kg	On request	On request
		3,5-7 kg	1930752	On request
		7-12 kg	1874856	On request
		9-15 kg	1898326	On request
		12-18 kg	1932558	On request
		13,5-21 kg	1907305	On request


Spring arm - version for mobile stand	Spring version	Reference Material Number		
		RAL 9002	RAL 9010	
<ul style="list-style-type: none">• With pressure spring and exact parallel guidance• Vertical connection• External adjustment of weight• Spring arm length 910 mm				
	<ul style="list-style-type: none">• 3-pole	3,5-7 kg	1925094	On request
		6-11 kg	1928162	On request
		7-12 kg	On request	On request
		9-15 kg	1865679	1936572
	<ul style="list-style-type: none">• With stop	3,5-7 kg	On request	On request
		9-15 kg	On request	On request

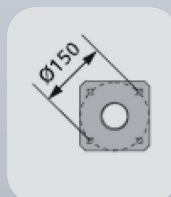

ACROBAT® LCH spring arm for low ceiling heights		Spring version	Reference Material Number	
			RAL 9002	RAL 9010
<ul style="list-style-type: none">• With pressure spring• Adjustable vertical stop• Horizontal connection• External adjustment of weight• Spring arm length 700 mm• Maximum payload 176 Nm (Payload depends on geometry of adapters and end device)				
Spring arm for central axes	 <ul style="list-style-type: none">• 3-pole	60-110 Nm	On request	1937874
		95-176 Nm	1930167	1937875
Spring arm for mobile stand	 <ul style="list-style-type: none">• 3-pole	95-176 Nm	1917125	On request

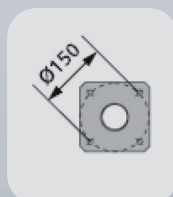

Extension arm with spring arm - wall version with wall bearing		Spring version	Reference Material Number	
			RAL 9002	RAL 9010
<ul style="list-style-type: none">• Extension arm und spring arm mounted• Spring arm length 910 mm• With non-electric wall bearing				
	Extension arm length 600 mm			
	• 3-pole with strengthened wall bearing	12-18 kg	On request	1918082
	Extension arm length 750 mm			
	• 3-pole	1,5-3,5 kg	On request	022176147
		3,5-7 kg	On request	022176247
		7-12 kg	On request	022176547
		8-13 kg	1898766	1863564
	Extension arm length 950 mm			
	• 3-pole	7-12 kg	1880037	On request
	• With stop	7-12 kg	On request	On request

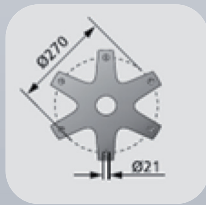

Extension arm with spring arm – wall version without wall bearing		Spring version	Reference Material Number	
			RAL 9002	RAL 9010
<ul style="list-style-type: none">• Extension arm und spring arm mounted• Spring arm length 910 mm• Without wall bearing				
 <p>*Only with reinforced wall bearing</p>	Extension arm length 750 mm			
	• 3-pole	1,5-3,5 kg	1931737	On request
		3,5-7 kg	1903132	On request
		7-12 kg	022186526	On request
	• With stop	3,5-7 kg	1902662	On request
		7-12 kg	1871196	1874886
		9-15 kg	1894018*	On request
		12-18 kg	1902249*	1907726*
	Extension arm length 950 mm			
	• 3-pole	1,5-3,5 kg	On request	On request
		3,5-7 kg	On request	On request
		7-12 kg	On request	On request
		8-13 kg	On request	On request
	• With stop	1,5-3 kg	1919686	On request
		3,5-7 kg	1923419	On request
		7-12 kg	1881017*	On request
		8-13 kg	1923273*	On request

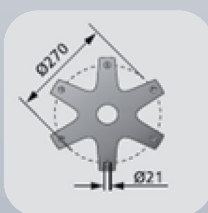

Wall Mount		Reference Material Number	
		RAL 9002	RAL 9010
Wall bearing			
<ul style="list-style-type: none"> • Non-electric • Payload depends on length of extension arm 			
		02131 26	1850592
Reinforced wall bearing			
		1930544	1946312
Wall protection (optional)			
	• Rotation angle of the extension arm restricted to 140°	On request	On request
	• Rotation angle of the extension arm restricted to 180°	1927140	1916339

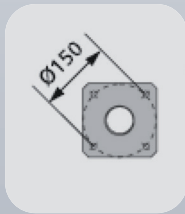
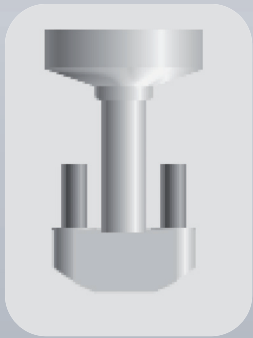
Extension arm with spring arm – ceiling version		Spring version	Reference Material Number	
			RAL 9002	RAL 9010
<ul style="list-style-type: none">• Extension arm und spring arm mounted• Spring arm length 910 mm• Without ceiling mount				
	Extension arm length 750 mm			
	• 3-pole	3,5-7 kg	1858710	1843452
		7-12 kg	022196526	022196547
		8-13 kg	On request	1863562
		9-15 kg	1903546	On request
		12-18 kg	1859753	022196747
	• With stop	1,5-3,5 kg	1873387	1926429
		3,5-7 kg	1905906	1881384
		6-11 kg	1882070	1874142
		7-12 kg	1879955	1926900
		9-15 kg	1924786	1921463
		12-18 kg	1863334	1892677
	Extension arm length 950 mm			
	• With stop	1,5-3,5 kg	On request	1908467
		3,5-7 kg	1897917	1925770
7-12 kg		1865247	1898132	
9-15 kg		1928404	On request	

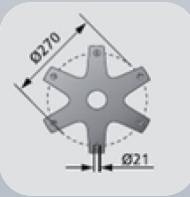
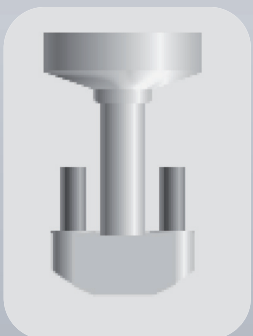
Ceiling Mount	Length	Reference Material Number		
		RAL 9002	RAL 9010	
Single ceiling mount for room heights up to 4 meter with standard flange				
<ul style="list-style-type: none">• With standard flange,reference circle 150 mm, with electric for 120 V/ 230V• With ceiling cover, height 80 mm• Payload depends on length of extension arm, order-related tube length• This document serves for commercial information purposes only and cannot be used for planning purposes.				
 	<ul style="list-style-type: none">• 3-pole	255 mm	1848562	1848578
		300 mm	On request	1848579
		350 mm	On request	1848580
		450 mm	On request	1848582
		500 mm	1848567	On request
		550 mm	On request	1848584
		650 mm	On request	1848586
		700 mm	On request	On request
		750 mm	On request	On request
		800 mm	On request	1843454
		850 mm	On request	1848589
		1.000 mm	1848577	1855994
		1.100 mm	On request	1868177
		1.200 mm	On request	1924623
		1.500 mm	On request	1930062
		1.600 mm	On request	Auf Anfrage


Ceiling Mount	Length	Reference Material Number	
		RAL 9002	RAL 9010
Single ceiling mount for room heights up to 4 meter with standard flange			
<ul style="list-style-type: none">With standard flange, reference circle 150 mmWith ceiling cover, height 80 mmPayload depends on length of extension armOrder-related tube lengthThis document serves for commercial information purposes only and cannot be used for planning purposes.			
 	<ul style="list-style-type: none">With stop	255 mm	1895469 On request
		400 mm	1921727 On request
		500 mm	1853983 1919808
		550 mm	On request 1926664
		600 mm	1873386 On request
		750 mm	1868448 On request
		800 mm	1863337 1859827
		900 mm	On request On request
		950 mm	1894438 On request
		1.000 mm	1855314 1881363
		1.100 mm	1909341 On request
		1.200 mm	On request 1925769
		1.350 mm	On request 1921621
		1.500 mm	1931799 On request

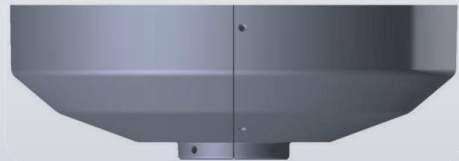

Ceiling Mount	Length	Reference Material Number		
		RAL 9002	RAL 9010	
Single ceiling mount for room heights up to 4 meter with star flange				
<ul style="list-style-type: none">• With star flange, reference circle 270 mm• With electric for 120 V/ 230V• With ceiling cover, height 80 mm• Payload depends on length of extension arm• Order-related tube length• This document serves for commercial information purposes only and cannot be used for planning purposes.				
 	<ul style="list-style-type: none">• 3-pole	255 mm	1914392	1907014
		500 mm	On request	On request
		600 mm	1883744	On request
		700 mm	On request	1883778
		750 mm	On request	On request
		800 mm	1848573	On request
		900 mm	1919814	On request
		1.000 mm	1902107	On request
		1.200 mm	1930372	On request

Ceiling Mount	Length	Reference Material Number	
		RAL 9002	RAL 9010
Single ceiling mount for room heights up to 4 meter with star flange			
<ul style="list-style-type: none">With star flange, reference circle 270 mmWith ceiling cover, height 80 mmPayload depends on length of extension armOrder-related tube lengthThis document serves for commercial information purposes only and cannot be used for planning purposes.			
  <ul style="list-style-type: none">With stop	255 mm	1927792	On request
	300 mm	1926002	On request
	350 mm	1927713	On request
	400 mm	On request	1905800
	450 mm	1926213	1898048
	500 mm	1882124	On request
	600 mm	1911022	1892065
	650 mm	1885212	On request
	700 mm	1919708	On request
	750 mm	On request	1905799
	800 mm	1882112	On request
	900 mm	1879842	1926670
	950 mm	On request	1932682
	1.050 mm	On request	1926948
	1.200 mm	1929568	On request
	1.300 mm	On request	1882484

Ceiling Mount	Length	Reference Material Number		
		RAL 9002	RAL 9010	
Dual ceiling mount for room heights up to 4 meter with standard flange				
<ul style="list-style-type: none">• With standard flange, reference circle 150 mm• With electric for 120 V/ 230V• With ceiling cover, height 80 mm• Payload depends on length of extension arm, order-related tube length• This document serves for commercial information purposes only and cannot be used for planning purposes.				
 	• 3-pole	255 mm (both sides electrical)	1859390	1851369
		300 mm (one side electrical)	1926189	1874525
		400 mm (one side electrical)	1848644	On request
		400 mm (both sides electrical)	On request	1932022
		450 mm (one side electrical)	On request	1914362
		500 mm (both sides electrical)	On request	On request
		600 mm (one side electrical)	On request	1850574
		750 mm (both sides electrical)	On request	1851370
		800 mm (both sides electrical)	1900050	On request
		850 mm (one side electrical)	On request	1848638
		850 mm (both sides electrical)	On request	1899751
		1.000 mm (one side electrical)	02300332611	1856563
	• With stop	550 mm	1910394	On request
		650 mm	1931740	On request
		800 mm	1916901	On request
		850 mm	1910701	1893044

Ceiling Mount	Length	Reference Material Number		
		RAL 9002	RAL 9010	
Dual ceiling mount for room heights up to 4 meter with star flange				
<ul style="list-style-type: none">• With star flange, reference circle 270 mm• With electric for 120 V/ 230V• With ceiling cover, height 80 mm• Payload depends on length of extension arm, order-related tube length• This document serves for commercial information purposes only and cannot be used for planning purposes.				
 	• 3-pole	255 mm (both sides electrical)	1926700	1902861
		300 mm (both sides electrical)	On request	On request
		450 mm (both sides electrical)	On request	On request
		500 mm (both sides electrical)	1908234	On request
		600 mm (both sides electrical)	1893264	On request
		700 mm (both sides electrical)	1880717	On request
		750 mm (both sides electrical)	On request	1902860
		800 mm (both sides electrical)	1917129	On request
		1.000 mm (both sides electrical)	1901864	On request
		1.200 mm (both sides electrical)	1926431	On request
	• With stop	450 mm	1927715	On request
		550 mm	1926647	On request
		600 mm	2927716	On request
		750 mm	1927757	On request
		800 mm	On request	1926938
		900 mm	1927758	On request
		1.100 mm	On request	On request

Ceiling Mount SLIM for Structural Ceiling	Reference Material Number
	<ul style="list-style-type: none"> • Slim ceiling mount for pendant systems of the light and medium duty series <ul style="list-style-type: none"> • VALiA S1, S1+, S2, S2+ and S3 systems • Central Axis standard single with spring arms ACROBAT 2000, 3000 and OndaSpace • Central Axis standard dual with spring arms ACROBAT 2000 • Hybrid Central Axis single with length of up to 2,200 mm with spring arm ACROBAT 2000 • Hybrid Central Axis single with length of up to 1,750 mm with spring arms ACROBAT 2000 and ACROBAT 3000 • ACROBAT 2000 single ceiling mount with star flange • ACROBAT 2000 dual ceiling mount with star flange • OndaSpace/ ACROBAT 3000 • SpacePort • Weight approx. 34 kg • Dimensions: 320 x 320 mm • Three threaded rods M16 x 1,000 mm for fixing the distance tubes • Three distance tubes to cover the space between structural and false ceiling, lengths 800mm <p>1949089</p>

Two-piece Ceiling Cover		Reference Material Number	
		RAL 9002	RAL 9010
	<ul style="list-style-type: none">• Height 110 mm• Material: Plastics• Inner diameter 61 mm• External diameter 360 mm	1937776	1937777
Floor version – mobile stand			
<ul style="list-style-type: none">• 3-pole electricity• Colour stand: Silver/ chrome• Aluminum coloured anodized• Colour stand tube: RAL 9002/ RAL 9010• Stand tube can be adjusted in height			
	<ul style="list-style-type: none">• Diameter of rollers 50 mm• Without spring arm	On request	On request
	<ul style="list-style-type: none">• Diameter of rollers 65 mm• Without spring arm	1899329	On request

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Data and content are subject to change. Validation of final product after combination with ACROBAT® 2000 is customer's responsibility. Version 1; 03/ 2018



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Medical Systems

Movement - light as a feather

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