



Helmet comes standard with rigid neck protection and fabric head protection as shown here.



For increased visibility at all times, add the fluorescent yellow extended head protection [16 90 21](#)



To better enable you to weld when looking down, remove the rigid neck protection and replace with the smaller fabric neck protector [16 90 41](#)



When you need the durability of leather, attach the leather head protector [16 90 22](#) and the leather neck protector [16 90 43](#)



Increase coverage of your head, neck and chest by adding the larger fabric head cover [16 90 23](#) and/or the extended fabric neck protection [16 90 42](#)



To maximize coverage from sparks, add the fabric shroud [16 90 30](#) and the extended, larger fabric head protection [16 90 23](#). Also available as a kit, [16 90 35](#)

Technical Specifications



3M™ Speedglas™ Auto-darkening Welding Helmet G5-01	G5-01VC
MMAW (Electrode)	✓
MIG/MAG	✓
TIG (>20A)	✓
TIG (1A-20A)	✓
Plasma (welding and cutting)	✓
Risk of hidden arc	✓
Tack welding	✓
Grinding	✓
Viewing area (welding lens)	73 × 109 mm
Viewing area (grinding visor)	170 × 104 mm
3M™ Speedglas™ True-View Technology	Yes
3M™ Speedglas™ Variable Colour Technology	Yes
Bluetooth enabled	Yes
Battery lifetime	1500 hours
Classification	1/1/1
Dark state	Shade 8-14 with Variable Colour
Cut mode	Yes shade 5
Light state	Shade 3 with True-View Technology
UV/IR protection	Shade 14 (permanent)
Auto-ON	Yes
Switching time, light -dark	0.1 ms (+23° C)
Memory mode	Yes - 4 (via mobile device app)
Delay (switching time, dark-light)	50 – 1300 ms
Two step recovery	Yes (shade 7)
Number of sensors (arc detection)	4
Australian and New Zealand Standard Compliance (AS/NZS)	
Eye Protection Face Protection Powered Air Respiratory Protection Supplied Air Respiratory Protection	AS/NZS1338.1 AS/NZS1337.1 (high impact) AS/NZS1716 / RMPF ¹ 50 AS/NZS1716 / RMPF ¹ 100+

1) Required Minimum Protection Factor (RMPF): for mechanically and thermally generated particles.

Ordering Information

Order using the part numbers below or build your own custom Speedglas Welding Helmet G5-01 online at

www.awsi.com.au



Speedglas Welding Helmet G5-01VC

Complete powered air system

Helmet G5-01VC with welding lens and heavy-duty Adflo respirator.

Part No 61 78 30

Upgrade your old system

Upgrade Kit: Helmet G5-01VC with welding lens.

Part No 61 11 30

With supplied air regulator

Helmet G5-01VC with welding lens and V-500E supplied air regulator.

Part No 61 88 30

When you order a complete G5-01 powered air system, it comes standard with our new storage bag designed specifically for welders' needs. Perfect to transport and protect the gear that protects you.

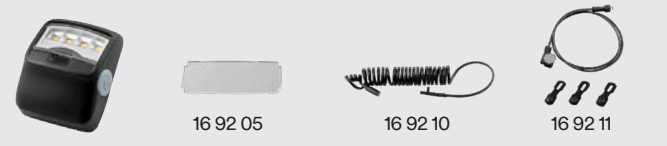
View the
unpacking video
www.awsi.com.au



NEW

Increase your comfort

Configure your 3M™ Speedglas™ Welding Helmet G5-01 to meet your individual preferences and application needs online at www.awsi.com.au



16 92 05

16 92 10

16 92 11

16 92 00



16 90 22

16 90 43



16 90 20



16 90 41



16 90 42

16 90 35



83 72 42
83 75 42



83 71 10



83 71 20



95 40 15



83 40 18



16 90 21



16 90 23



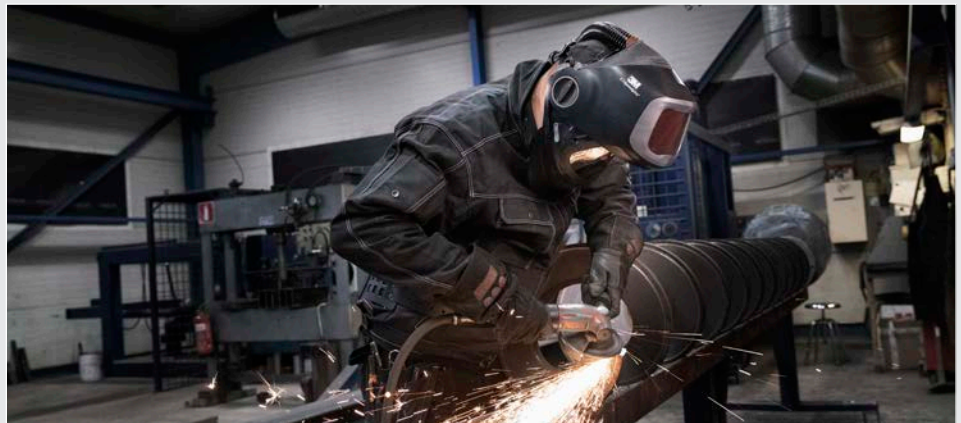
16 90 30



16 91 00

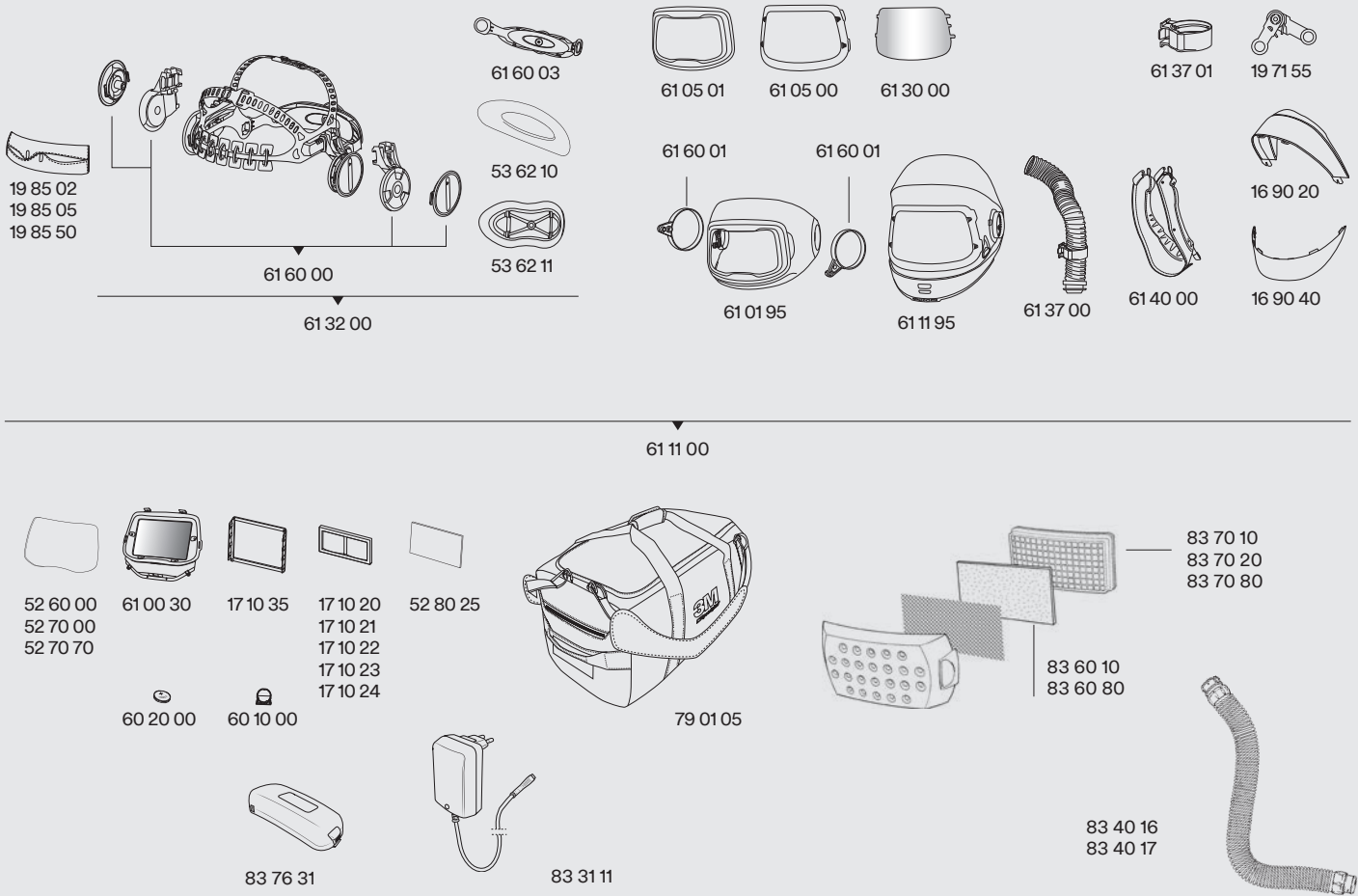
Part No	Description
16 90 20	Head Protection Fabric (Small)
16 90 21	Head Protection High Vis
16 90 22	Head Protection Leather
16 90 23	Head Protection Fabric (Large)
16 90 30	Shroud
16 90 35	Extended Cover Kit (Shroud and Large Head Cover Fabric)
16 90 41	Neck Protection Fabric (Small)
16 90 42	Neck Protection Fabric (Large)
16 90 43	Neck Protection Leather
16 91 00	Welding Hood
16 92 00	Task Light, Inc Mounting Parts & Cables
16 92 05	Lens Cover Task Light Pk=5
16 92 10	Long Power Cable for Task Light
16 92 11	Short Power Cable for Task Light

Part No	Description
83 40 18	Tube Breathing Cover Flame Resistant Adflo (Recommended when using Task Light)
83 71 10	Filter Odour Adflo
83 71 20	Filter Odour Replacement Pad Adflo
83 72 42	Filter Nuis Level Organic Vapour/Acid Gas Adflo
83 75 42	Filter Gas A1 Adflo
95 40 15	Backpack Adflo



Build your own customised 3M Speedglas G5-01 Welding Helmet online by selecting the configuration options that suit you best - www.awsi.com.au

Spare parts and consumables



Part No	Description	Part No	Description	Part No	Description
16 90 20	Head Protection Fabric (Small)	53 62 10	Head Harness Back Cushion G5-01 (Small)	83 31 11	Charger Battery Li-ion Adflo
16 90 40	Neck Protection Rigid	53 62 11	Head Harness Back Cushion G5-01 (Large)	83 40 16	Tube Breathing Self Adjusting QRS Adflo
17 10 20	Magnifying Lens 1.0X	60 10 00	Battery Holder	83 40 17	Tube Breathing Heavy Duty Rubber QRS Adflo
17 10 21	Magnifying Lens 1.5X	60 20 00	Battery CR2450	83 60 10	Pre-Filter Adflo Pk=5
17 10 22	Magnifying Lens 2.0X	61 00 30	Speedglas Welding Lens G5-01VC	83 60 80	Pre-Filter Adflo Pk=80
17 10 23	Magnifying Lens 2.5X	61 01 95	Outer Shield	83 70 10	Filter Particle PSL Adflo
17 10 24	Magnifying Lens 3.0X	61 05 00	Front Cover for Inner Visor	83 70 20	Filter Particle PSL Adflo Pk=20
17 10 35	Magnifying Lens Holder	61 05 01	Front Cover for Flip-up	83 70 80	Filter Particle PSL Adflo Pk=80
19 71 55	Hinge Mechanism Pk=2	61 11 00	Welding Helmet G5-01, Exc Welding Filter	83 76 31	Battery Heavy Duty Li-ion Adflo
19 85 02	Sweatband G5-01 Pk=2	61 11 95	Inner Shield with Airduct & Airflow Controls , Inc Visor Frame	83 76 31C	Upgrade Kit Heavy Duty Li-ion Battery & Charger
19 85 05	Sweatband G5-01 Pk=5	61 30 00	Visor Plate Anti-Fog + Hard Coated Pk=5		
19 85 50	Sweatband G5-01 Pk=50	61 32 00	Head Harness G5-01		
52 60 00	Lens Cover Outer Standard Pk=10	61 37 00	Airduct Breathing Tube (Short) Inc Holder		
52 70 00	Lens Cover Outer Hard Coated Pk=10	61 37 01	Breathing Tube Holder		
52 70 70	Lens Cover Outer High Heat Pk=10	61 40 00	Face Seal G5-01		
52 80 25	Lens Cover Inner Pk=5	61 60 00	Pivot & Sliding Mechanism Inc Pivot Knobs		
		61 60 01	Pivot Ring for Outer Shield Pk=1		
		61 60 03	Head Harness Back Part G5-01		
		79 01 05	Carry Bag		