



A Lincoln Electric Company

TECHNICAL SPECIFICATIONS –

Lincoln Electric (UK) **Harris** Manifolds are manufactured in the UK designed to BCGA CP4/CP5 and all relevant European standards including BS EN ISO 14114. They are produced “Oxygen cleaned” as standard for all gases. Each manifold is supplied with complete Pressure Test Certification which can be provided in both electronic and hard copy formats.

Manifold Materials of Construction: -Brass & Cupronickel (Acetylene - Brass & Stainless Steel)

Frame Material - Stainless Steel

Regulator BS EN ISO 7291 - 10 bar Multistage (Acetylene 1.5 bar Multistage, Propane 4.0 bar HD Single Stage)

Maximum inlet pressure 300 bar for all gases EXCEPT: Acetylene (DA) & Propane - 25 bar, CO₂ - 90 bar

Maximum outlet pressure 10.0 bar for all gases EXCEPT: Acetylene (DA) 1.5 bar, Propane 4.0 bar.

Maximum Flow Rate - 600 l/m Nitrogen

Hose BS EN ISO14113 – Oxygen- PTFE, Inert & flammable - Thermoplastic, Acetylene – Thermoplastic.

Line Relief Valve - 12.5 bar (1.9 bar Acetylene)

Flash Back Arrestor Hydrogen & Flammables 10 bar Acetylene 1.5 bar

Gas Heater CO₂200W 230VAC (Autochange Manifolds only)

SINGLE CYLINDER MANIFOLDS –

H6173 Harris 1 Cylinder Flammable M/Fold (No FBA)

H6174 Harris 1 Cylinder Flammable M/Fold + FBA

H6175 Harris 1 Cylinder Inert manifold

H6176 Harris 1 Cylinder Oxygen manifold

H6177 Harris 1 Cylinder Acetylene manifold

H6178 Harris 1 Cylinder CO₂ manifold

H6179 Harris 1 Cylinder Propane manifold



MANUAL CYLINDER MANIFOLDS –

H6108 Harris 2x1 Flammable Manual Manifold

H6109 Harris 2x2 Flammable Manual Manifold

H6110 Harris 2x3 Flammable Manual Manifold

H6111 Harris 2x1 Flammable Manual Manifold + FBA

H6112 Harris 2x2 Flammable Manual Manifold + FBA

H6113 Harris 2x3 Flammable Manual Manifold + FBA

H6114 Harris 2x1 Inert Manual Manifold

H6115 Harris 2x2 Inert Manual Manifold

H6116 Harris 2x3 Inert Manual Manifold

H6117 Harris 2x1 Oxygen Manual Manifold

H6118 Harris 2x2 Oxygen Manual Manifold

H6119 Harris 2x3 Oxygen Manual Manifold

H6120 Harris 2x1 Acetylene Manual Manifold

H6121 Harris 2x2 Acetylene Manual Manifold

H6122 Harris 2x3 Acetylene Manual Manifold

H6123 Harris 2x1 CO₂ (non heated) Manual M/F

H6124 Harris 2x2 CO₂ (non heated) Manual M/F

H6125 Harris 2x3 CO₂(non heated) Manual M/F

H6126 Harris 2x1 Propane Manual Manifold

H6127 Harris 2x2 Propane Manual Manifold

H6128 Harris 2x3 Propane Manual Manifold

H6129 Harris 2x1 Propane Manual Manifold + FBA

H6130 Harris 2x2 Propane Manual Manifold + FBA

H6131 Harris 2x3 Propane Manual Manifold + FBA

