

# JUARA



## micro Hydraulic Training Kit

JTS MH200

The **JUARA** micro Hydraulic Training Kit has been designed to suit the theoretical and practical needs of vocational colleges and technical training institutions. It is best suited as an introductory tool to hydraulics.

*Some of the circuits that may be constructed with the units are :*

- Directional control
- Speed control
- Pressure control
- Single acting cylinder control
- Double acting cylinder control with 4/2-way valve
- Double acting cylinder control with 4/3-way valve
- Metering ' IN '
- Metering ' OUT '
- Weight loading of cylinder



### Features :

*Mini design allows easy transportation and setup for demonstration*

*Comes included with high quality lightweight aluminum carrying/storage case. Hydraulic Power Pack was designed to ease handling and transportation*

*High quality durable rubber-silicone lining on the inside ensures minimal vibration during transportation*

*Comes with Hydraulic Power Pack with built-in high power water pump for all your hydraulic needs*



*Hose with self-sealing couplings*

*Comes with quick action self-sealing couplings (x 10) and mounted ready for use!*

*Base plate is made of high quality machined steel that do not deform after continued usage*

*Does not require hydraulic fluid but uses readily available water.*

*This makes the unit very affordable and economical to maintain.*

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# JUARA

<b>Model</b>	<b>JTS MH2020 <i>micro</i> Hydraulic</b>
<b>Aluminum Carry Case</b>	
Dimensions (WxHxD)	460 mm x 330 mm x 152 mm (when closed; not including protrusions)
Weight	Approx. 10.5 kg with included 4kg weight
Material	High Strength Aluminum with soft composite padded interior
Items that are mounted within the case	<ul style="list-style-type: none"><li>• Double acting cylinder with striker cam used horizontally</li><li>• Double acting cylinder with striker cam used vertically</li><li>• 4kg weight for use with vertically mounted double acting cylinder</li><li>• Pressure manifold</li><li>• Tank manifold</li><li>• Pressure reducing / Regulating valve with pressure gauge</li><li>• 4/2-way Directional Control Valve, lever operated</li><li>• 4/3-way Directional Control Valve, lever operated, closed centre</li><li>• 2 off one-way flow control valves</li><li>• 2 off pressure gauges</li><li>• Set of hoses fitted with quick action, self-seal couplings (10 pcs)</li><li>• All components and manifolds are fitted with coupling insert</li></ul>
<b>Hydraulic (water) Power Pack</b>	
Dimensions (WxHxD)	180 mm x180 mm x 330 mm
Weight	Approx. 4.8 kg without water
Operating voltage	12 Vdc with 240Vac adapter/converter
Current (max)	1.25 A
Power Output	15W
Pressure (max)	5 bar
Flow Rate	1.5 liters per minute
Material	High Strength machined Steel. Internal tank is made of durable rust-proof composite polymers.

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