



Kushako itself means performance . . .



Kushako is a leading manufacturing company for pneumatic products used by dental chair manufacturers and others.

Incepted in 1992, we're now completing three decades of exceeding customers' expectations with extraordinary professionalism and service.

Our machining facility in Pune is one of the most developed and modern with all the latest technologies and advancements to ensure 100% satisfaction for clients.

The facility includes VMCs, CNCs, Hydro Pneumatic Press, Drill Tap Machines and Conventional Lathe Machines.

We also have an in-house Powder Coating Plant, Ultra-sonic Welding Machine, Automatic Pad Printing Machine, Ultra-sonic Cleaning and Vibro Cleaning Machine for exceptional finishing of all products. Kushako offers an in-house Copper Winding and Coil Moulding facility and a separate department to assemble and test various pneumatic valves and cylinders.

We have a strength of 45 professionals in the Designing, Quality Control, Purchase, Store, Assembly and Testing Departments who work across a vast area of 10,000 sq. ft.

AIR / WATER FILTERS AND MOISTURE SEPARATOR

AIR FILTER (ECO) 1/4"

Model	: AF-2012 (ECO)
Port Size	: 1/4" BSP (F)
Media	: Compressed Air
Pressure	: 0.5-10 Bar (kg/cm ²)
Temp	: 5°-50° C
Bowl Material	: Polycarbonate Bowl
Flow Rate	: 800 Ltr / min (LPM)
Filtration	: 5 / 25 / 40 (micron)
Drain	: Plastic Drain Key



AIR FILTER 1/4"

Model	: AF-2014
Port Size	: 1/4" BSP (F)
Media	: Compressed Air
Pressure	: 0.5-10 Bar (kg/cm ²)
Temp	: 5°-50° C
Bowl Material	: Polycarbonate with Metal Housing
Flow Rate	: 800 Ltr / min (LPM)
Filtration	: 5 / 25 / 40 (micron)
Drain	: Manual Push Type



AIR FILTER 1/2"

Model	: AF-2016 - AF 2020
Port Size	: 1/2" to 1" BSP (F)
Media	: Compressed Air
Pressure	: 0.5-10 Bar (kg/cm ²)
Temp	: 5°-50° C
Bowl Material	: Polycarbonate with Metal Housing
Flow Rate	: 3520 Ltr / min (LPM)
Filtration	: 5 / 25 / 40 (micron)
Drain	: Manual Push Type



AIR FILTER METAL BOWL

Model	: AF-2016 M - AF 2020 M
Port Size	: 1/2" to 1" BSP (F)
Media	: Compressed Air
Pressure	: 0.5-10 Bar (kg/cm ²)
Temp	: 5°-50° C
Bowl Material	: Metal Bowl
Flow Rate	: 3520 Ltr / min (LPM)
Filtration	: 5 / 25 / 40 (micron)
Drain	: Ball Valve / Manual Push Type



MOISTURE SEPARATOR

Port Size	: 1/2" & 1" BSP (F)
Media	: Compressed Air
Pressure	: 0-14 Bar (kg/cm ²)
Temp	: 5°-50° C
Bowl Material	: Metal Bowl
Flow Rate	: 3520 Ltr / min (LPM)
Filtration	: 5 / 25 / 40 (micron)
Drain	: Ball Valve / Manual Push Type



WATER FILTER PLASTIC BODY

Port Size	: 1/2" BSP (F)
Media	: Water
Pressure	: 0.5-10 Bar
Temp	: 5°-50° C
Bowl Material	: Polycarbonate Bowl
Filtration	: Cotton Paper with Wire Mesh / PP



WATER FILTER METAL BODY

Port Size	: 1/2" BSP (F)
Media	: Water
Pressure	: 0.5-10 Bar
Temp	: 5°-50° C
Bowl Material	: Polycarbonate with Metal Housing
Filtration	: Cotton Paper with Wire Mesh / PP



VACCUM FILTER NOTE COUNTING

Port Size	: 1/2" BSP (F)
Media	: Air
Pressure	: 0.5-10 Bar
Bowl Material	: Polycarbonate Bowl
Filtration	: Paper Filtration



AIR REGULATOR

AIR REGULATOR 1/4"

Model	: AR-2014
Port	: 1/4" BSP / 1/8" BSP (F)
Gauge Port	: 1/8" BSP (F)
Flow Rate	: 615 Ltr / min
Pressure	: 0.2-10 Bar
Temp	: 5°-50° C



PRECISION AIR REGULATOR 1/4"

Model	: PRS 2014
Port	: 1/4" BSP
Gauge Port	: 1/8" BSP (F)
Flow Rate	: 615 Ltr / min
Pressure	: 0-2 Bar
Temp	: 5°-50° C



AIR REGULATOR 1/2"

Model	: AR-2016
Port	: 1/2" BSP / 1/4" BSP (F)
Gauge Port	: 1/4" BSP (F)
Flow Rate	: 4025 Ltr / min
Pressure Range	: 0.2-10 Bar
Temp	: 5°-50° C



AIR REGULATOR METAL BODY

Model	: AR-2014-M / 2016-M
Port	: 1/2" BSP / 1/4" BSP (F)
Gauge Port	: 1/4" BSP (F)
Flow Rate	: 4025 Ltr / min
Pressure	: 0.2-10 Bar
Temp	: 5°-50° C



LUBRICATORS

LUBRICATOR - 1/4" (ECO)

Model	: L-2012 (ECO)
Port	: 1/4" (BSP) (F)
Flow rate	: 1370 Litr / min
Pressure	: 0.5-10 Bar
Temp	: 5°-50° C
Bowl	: Polycarbonate Bowl
Bowl Capacity	: 40 ml
Media	: Compressed Air



LUBRICATOR - 1/4"

Model	: L-2014
Port	: 1/4" (BSP) (F)
Flow rate	: 1370 Litr / min
Pressure	: 0.5-10 Bar
Temp	: 5°-50° C
Bowl	: Polycarbonate with Metal Guard
Bowl capacity	: 40 ml



LUBRICATOR - 1/2"

Model	: L-2016-L-2020
Port	: 1/2" / 1" (BSP) (F)
Flow rate	: 5680 Litr / min
Pressure	: 0.5-10 Bar
Temp	: 5°-50° C
Bowl	: Polycarbonate with metal guard
Bowl capacity	: 152 ml



OIL AND MOISTURE REMOVAL FILTER

Model	: FF14/FF12
Port	: 1/4" / 1/2" BSP (F)
Flow rate	: 4500 Litr / min
Pressure	: 0.5-10 Bar
Temp	: 5°-50° C
Bowl	: Polycarbonate with metal guard
Bowl capacity	: 175 ml



AIR FILTER REGULATOR COM. (UNIT)

FRC 2012 (ECO)

Model	: FRC-2012 (ECO)
Port Size	: 1/4" (BSP) (F)
Gauge Port	: 1/8" (BSP) (F)
Flow Rate	: 560 Litrs / min
Filtration	: 5 / 10 / 25 / 40 micron
Pressure	: 0.2-10 Bar
Temp	: 5°-50° C
Bowl Material:	Polycarbonate Bowl
Drain	: Plastic Drain Key



FRC 2014

Model	: FRC-2014
Port Size	: 1/4" (BSP) (F)
Gauge Port	: 1/8" (BSP) (F)
Flow rate	: 560 Litrs / min
Filtration	: 5 / 10 / 25 / 40 micron
Pressure	: 0.2-10 Bar
Temp	: 5°-50° C
Bowl Material:	Polycarbonate with Metal Gaurd
Drain	: Manual Push Type



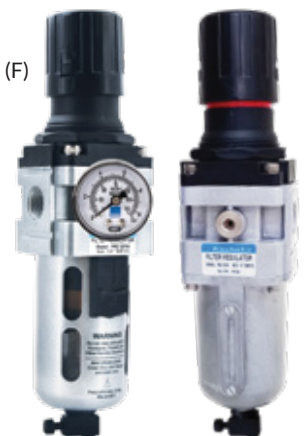
FRC 2014-M / FRC 2016-M

Model	: FRC-2014-M / FRC-2016-M
Port Size	: 1/4" / 1/2" (BSP) (F)
Gauge Port	: 1/8" (BSP) (F)
Flow rate	: 560 Litrs / min
Filtration	: 5 / 10 / 25 / 40 micron
Pressure	: 0.2-10 Bar
Temp	: 5°-50° C
Bowl Material:	Metal
Drain	: Brass Drain Key
Media	: Compressed Air



FRC 2016

Model	: FRC-2016 - FRC-2020
Port Size	: 1/2" (BSP) (F) / 3/8" BSP (F)
Gauge Port	: 1/4" (BSP) (F)
Flow rate	: 3020 Litrs / min
Filtration	: 5 / 10 / 25 / 40 micron
Pressure	: 0.2-10 Bar
Temp	: 5°-50° C
Bowl Material:	Polycarbonate with Metal Gaurd
Drain	: Manual Push Type



AIR PREPARATION UNIT

FRL UNIT 2012 (ECO)

Model	: FRCLM 2012 (ECO)
Port Size	: 1/4" BSP (F)
Gauge Port	: 1/8" BSP (F)
Flow Rate	: 515 Ltr / min
Media	: Compressed Air
Pressure	: 0.5 to 10 Kg/cm ²
Temperature	: 60°C (Max)
Filteration	: 5 / 25 / 40 micron
Bowl Material	: Polycarbonate Bowl
Drain	: Manual Push Type



FRL UNIT 2014

Model	: FRCLM 2014
Port Size	: 1/4" BSP (F)
Gauge Port	: 1/8" BSP (F)
Flow Rate	: 515 Ltr / min
Media	: Compressed Air
Pressure	: 0.5 to 10 Kg/cm ²
Temperature	: 60°C (Max)
Filteration	: 5 / 25 / 40 micron
Bowl Material	: Polycarbonate with Metal Housing
Drain	: Manual Push Type



FRL UNIT - 2 PIECE

Model	: FRCLM 2016 / FRCLM 2020
Port Size	: 1/2" BSP (F)
Gauge Port	: 1/4" BSP (F)
Flow Rate	: 2820 Ltr / min
Media	: Compressed Air
Pressure	: 0.5 to 10 Kg/cm ²
Temperature	: 60°C (Max)
Filteration	: 5 / 25 / 40 micron
Bowl Material	: Polycarbonate with Metal Housing
Drain	: Manual Push Type



FRL - METAL BOWL - FRCLM 2016 - M



FRL UNIT - 3 PIECE

Model	: FRLM 2016 / FRLM 2020
Port Size	: 1/2" BSP (F)
Gauge Port	: 1/4" BSP (F)
Flow Rate	: 2820 Ltr / min
Media	: Compressed Air
Pressure	: 0.5 to 10 Kg/cm ²
Temperature	: 60°C (Max)
Filteration	: 5 / 25 / 40 micron
Bowl Material	: Polycarbonate with Metal Housing
Drain	: Manual Push Type



SOLENOID VALVES - Midget Direct Acting

SOLENOID VALVE (STD)

Model : 2/2 Way / 3/2 Way
 Size : 1/4" BSP (F)
 Body : Brass Forged
 Pressure : 0.5-10 kg/cm²
 Temperature : 60° C Max
 Voltage : 24 VAC / 110 VAC /
 230 VAC / 12 VDC /
 24 VDC
 Media : Air / Water



SOLENOID VALVE (STD) NC / NO

Model : 2/2 Way / 3/2 Way
 Size : 1/4" BSP (F)
 Body : Brass / Aluminium Die
 Cost
 Pressure : 0.5-10 kg/cm²
 Temperature : 60° C Max
 Voltage : 24 VAC / 110 VAC /
 230 VAC / 12 VDC /
 24 VDC
 Media : Air / Water



SOLENOID VALVE MINI

Model : 2/2 Way / 3/2 Way
 Size : 1/4" BSP (F)
 Body : Brass Nickel Platted
 Pressure : 0.5-10 kg/cm²
 Temperature : 60° C Max
 Voltage : 24 VAC / 110 VAC /
 230 VAC / 12 VDC /
 24 VDC
 Media : Air / Water



SOLENOID VALVE MINI MALE

Model : 2/2 Way / 3/2 Way
 Size : 1/4" BSP (M)
 Body : Brass Nickel Platted
 Pressure : 0.5-10 kg/cm²
 Temperature : 60° C Max
 Voltage : 24 VAC / 110 VAC /
 230 VAC / 12 VDC /
 24 VDC
 Media : Air / Water



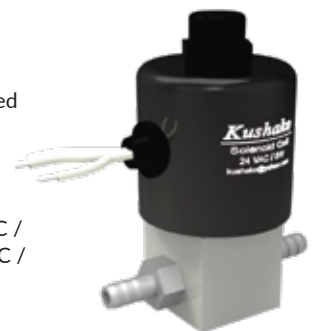
TWIN DENTAL SOLENOID

Model : 2/2 Way NC
 Size : M6
 Body : Brass Nickel Platted
 Pressure : 0.5-10 kg/cm²
 Temperature : 60° C Max
 Voltage : 24 VAC / 110 VAC /
 230 VAC /
 12 VDC / 24 VDC
 Media : Air / Water



SINGLE DENTAL SOLENOID VALVE

Model : 2/2 Way NC
 Size : M6 / 1/8" BSP (F)
 Body : Brass Nickel Platted
 Pressure : 0.5-10 kg/cm²
 Temperature : 60° C Max
 Voltage : 24 VAC / 110 VAC /
 230 VAC / 12 VDC /
 24 VDC
 Media : Air / Water



STEAM VALVE

Model : DL 6K
 Size : 1/4" BSP (F)
 Body : Brass Forged
 Pressure : 10 Bar Max.
 Temperature : 180° C
 Voltage : 24 DC / 230 AC
 Media : Air / Water / Steam



COMPRESSOR LOADING VALVE

Model : 2/2 Way NO
 Size : M6 / 1/8" / 1/4"
 Body : Brass / Aluminium Platted
 Pressure : 0.5-10 kg/cm²
 Temperature : 60° C Max
 Voltage : 24 VAC / 110 VAC /
 230 VAC /
 12 VDC / 24 VDC
 Media : Air / Water



POPPET TYPE INTERNAL PILOT OPERATED SOLENOID VALVE

SOLENOID VALVE 3/2 WAY (SUGAR)

Model	: K-312-S / 3013
Type	: 3 way Poppet type pilot operated solenoid valve with m/o
Size	: 1/4" BSP (F)
Body	: Aluminium Hard Anodized
Working Pr	: 2-10 Bar
Voltages	: 230 VAC / 24 VDC
Media	: Compressed Air



SOLENOID VALVE 5/2 WAY (SUGAR)

Model	: K-412-S / 3012
Type	: 4 way Poppet type pilot operated solenoid valve with m/o
Size	: 1/4" BSP (F)
Body	: Aluminium Hard Anodized
Working Pr	: 2-10 Bar
Voltages	: 230 VAC / 24 VDC
Media	: Compressed Air



SOLENOID VALVE 5/2 WAY DOUBLE (SUGAR)

Model	: K-412-D
Type	: 4 way Poppet type pilot operated double solenoid valve with m/o
Size	: 1/4" BSP (F)
Body	: Aluminium Hard Anodized
Working Pr	: 2-10 Bar
Voltages	: 230 VAC / 24 VDC
Media	: Compressed Air



SOLENOID VALVE 3/8, 5/2 WAY (SUGAR)

Model	: K-51404
Type	: 4 Way Poppet Type Pilot Operated Sol Valve
Size	: 3/8" BSP (F)
Body	: Aluminium Hard Anodised
Wr. Pr	: 2-10 Bar
Voltage	: 24 AC / 230 VAC
Media	: Compressed Air



NAMUR SOLENOID VALVE 3/2 Way

Model	: 3/2 Way
Size	: 1/4" BSP (F)
Body	: Aluminium Hard Anodised
Pressure	: 2-10 Bar
Voltage	: 24 VAC / 230 VAC / 24 VDC
Seals	: Hi-Grade Nitrile



NAMUR SOLENOID VALVE 5/2 Way

Model	: 5/2 Way
Size	: 1/4" BSP (F)
Body	: Aluminium Hard Anodised
Pressure	: 2-10 Bar
Voltage	: 24 VAC / 230 VAC / 24 VDC
Seals	: Hi-Grade Nitrile



3 Way x 6 Valves Gang Manifold

DIAPHRAGM SOLENOID VALVE

STD DIAPHRAGM SOLENOID VALVE

Model	: 2/2 Normally Closed
Size	: 1/2" BSP to 2" BSP (F)
Body	: Brass Forged
Pressure	: 0.5-10 kg / cm ²
Voltage	: 24 VAC / 230 VAC 24 VDC / 110 VAC
Media	: Air / Water / Oil
Seals	: Hi-Grade Nitrile



DUST COLLECTOR SOLENOID VALVE

Model	: RMF 20 / RMF 25 / RMF 40
Size	: 1/2" BSP to 2" BSP (F)
Body	: Aluminium Die Cast
Pressure	: 0.5-10 kg / cm ²
Temperature	: 85° C Max
Voltage	: 110 VAC / 230 VAC 24 VDC
Media	: Compressed Air
Seals	: Hi Grade Nitrile



DIAPHRAGM SOLENOID VALVE

Model	: 2/2 Normally Closed
Size	: 1/2" BSP to 2" BSP (F)
Body	: CF8 / CF8M SS
Pressure	: 0.5-10 kg / cm ²
Voltage	: 24 VAC / 230 VAC 24 VDC / 110 VAC
Media	: Air / Water / Oil
Seals	: Hi-Grade Nitrile



LOW PRESSURE SOLENOID VALVE

Model	: 2/2 Normally Closed
Size	: 1/2" BSP to 2" BSP (F)
Body	: CF8 / CF8M SS
Pressure	: 0.5-6 kg / cm ²
Voltage	: 24 VAC / 230 VAC 24 VDC / 110 VAC
Media	: Air / Water / Oil
Seals	: Hi-Grade Nitrile



SPOOL TYPE SOLENOID VALVE

SOLENOID VALVE (SPOOL TYPE)

Model	: 3 Way / 3/2 Way
Orifice	: NW6 / NW 12 mm
Size	: 1/4" / 1/2" BSP (F)
Body	: Aluminium Hard Anodised
Pressure	: 0.5-10 kg / cm ²
Voltage	: 24 VAC / 230 VAC / 24 VDC
Seals	: Hi-Grade Nitrile



SOLENOID VALVE (SPOOL TYPE)

Model	: 4 Way / 5/2 Way
Orifice	: NW6 / NW 12 mm
Size	: 1/4" / 1/2" BSP (F)
Body	: Aluminium Hard Anodised
Pressure	: 0.5-10 kg / cm ²
Voltage	: 24 VAC / 230 VAC / 24 VDC
Seals	: Hi-Grade Nitrile



SOLENOID VALVE (SPOOL TYPE)

Model	: 4 Way / 5/3 Way Double Coil
Orifice	: NW6 / NW 12 mm
Size	: 1/4" / 1/2" BSP (F)
Body	: Aluminium Hard Anodised
Pressure	: 0.5-10 kg / cm ²
Voltage	: 24 VAC / 230 VAC / 24 VDC
Seals	: Hi-Grade Nitrile



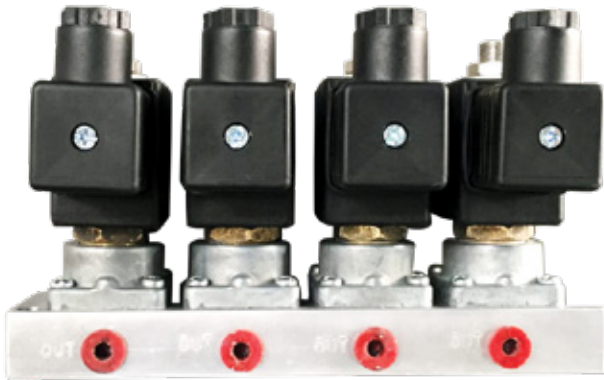
GANG MANIFOLD SOLENOID VALVES

Model	: 4 Way Single / Double Coil
Orifice	: NW6 / NW 12 mm
Size	: 1/4" / 1/2" BSP (F)
Body	: Aluminium Hard Anodised
Pressure	: 0.5-10 kg / cm ²
Voltage	: 24 VAC / 230 VAC / 24 VDC
Seals	: Hi-Grade Nitrile



GANG MANIFOLD SOLENOID VALVE

2 WAY / 3 WAY DIRECT ACTING



TYRE INFILTRATION VALVE

Model : VB4 - 3/4 - 2 G
 Port : 1/4" BSP (F)
 Sensor Port : 1/4" BSP (F) / 22 x 1 (F)
 Body : Aluminium Hard Anodize
 Pressure : 0.5-10 kg / cm²
 Voltage : 230 VAC / 12 VDC



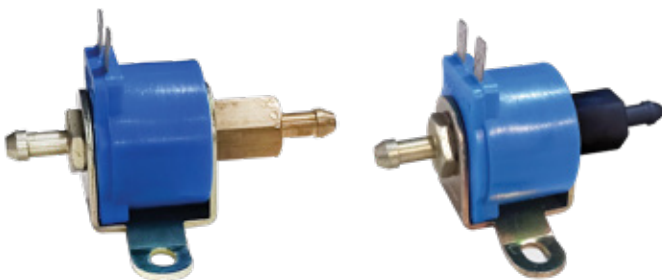
LPG / CNG SOLENOID VALVE

Model : 701-LV
 Body : Brass Forged
 Pressure : 0.5-10 kg/ cm²
 Voltage : 12 VDC



PETROL SOLENOID VALVE

Model : 710-BM • Body : Brass / Plastic • Voltage : 12 VDC



LPG / CNG SOLENOID VALVE

Model : 702-B
 Body : Brass Forged
 Pressure : 0.5-10 kg/ cm²
 Voltage : 12 VDC



PNEUMATIC VALVES



N.R.V.
1/4" - 1/2"
BSP (F)



FLOW CONTROL VALVE
1/4" - 1/2" BSP (F)



QUICK EXHAUST VALVE
1/4" - 1/2" BSP (F)



SHUTTLE VALVE
1/4"



BALL VALVE
1/2" to 2"



GATE VALVE
15 / 25 NB

PRODUCTS FOR SUGAR CENTRIFUGAL MACHINE



Y TYPE SCREWED CONTROL VALVE



Y TYPE FLANGED CONTROL VALVE



CONTROL VALVE

PNEUMATIC CYLINDERS



BUTTERFLY / BALL VALVE WITH ACTUATOR



SS BUTTERFLY VALVE WITH ACTUATOR



BUTTERFLY VALVE WITH ACTUATOR



BALL VALVE WITH ACTUATOR



DIAPHRAGM CONTROL VALVE

PNEUMATIC PRODUCTS FOR DENTAL CHAIR



FOOT CONTROL
AIR ROTOR



FOOT CONTROL
WITH JOYSTICK



XRAY VIEWER



TUMBLER PIPE
SMALL - A



TUMBLER PIPE
BIG - A



BOTTLE CAP
PLASTIC



BOTTLE CAP
METAL



PLASTIC
BOTTLE



WRV / PILOT VALVE - A



WRV / PILOT VALVE - B



AIR ON / OFF
(SWITCH - R)



2 WAY / 1-2 SELECTOR
SWITCH (R)



FOOT CONTROL VALVE - A



FLOW / WATER CONTROL
(SWITCH - R)



3 WAY SYRINGE

AIR ROTOR
COUPLING SET

ACCESSORIES



HAND LEVER VALVE
1/4" / 1/2"
3 Way / 4 Way



AUTO DRAIN VALVE



BLOW GUN



SEAL KIT C / V



HAND SLIDE VALVE



**CORE TUBE +
PLUNGER ASSEMBLY**

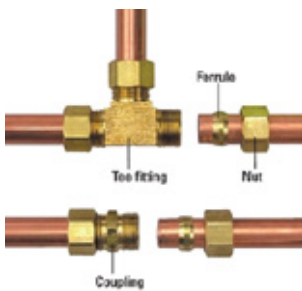


SOLENOID COIL
24 VDC / 230 VAC



**3 PIN MOULDED
SOLENOID COIL**
24 VDC / 230 VAC

BRASS PIPE & FITTINGS



COPPER TUBE



**HYDRAULIC / PNEUMATIC
HOSE ASSEMBLY**



COIL HOSE PU TUBE



Kushako Pneumatics / India

(House of Pneumatics & Hydraulics)

Office:

490, Narayan Peth, Opp. Pune Marathi
Granthalaya, Pune 411 030
Tel.: 99213 89777, 90116 90777, 78880 09777
kushako@yahoo.com, kushako.india@gmail.com
www.kushakoindia.com

Works:

Sr. 25/1A, Village-Nanded, Opp. Savali Dhaba,
Sinhgad Road, Tal. Haveli, Dist. Pune - 411 041.
Tel.: 98237 83737, 76206 74777, 90113 89777
kushakoindia1992@gmail.com
www.kushakoindia.com