

# ROKIDE CERAMIC SPRAY SYSTEM



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➤ Rokide Ceramic Spray System offers a rugged, dependable unit that features an easy to use pushbutton operation.

➤ The Rokide system uses an oxygen-acetylene flame to melt the consumable. On/off switches, conveniently located on the spray unit control the electric drive motor and gases.

➤ Accommodates 3/16" (4.75 mm), 1/4" (6.35 mm) and 5/16" (7.94 mm) diameter Rokide rods and can easily convert to accept 3/16" (4.75 mm) diameter flexible continuous cords.

➤ Rokide rods and flexible cords are available in many ceramic compositions allowing our coatings engineers and customers to choose the most appropriate formulation for a specific application.

➤ Spraying of Flexible Cords can give existing Rokide users the added capability of spraying WC ( Tungsten Carbide ) coatings and achieving continuous feed for higher volume projects.

➤ The Rokide system is very portable; coating applications in both jobshop and field operation are possible without difficulty.

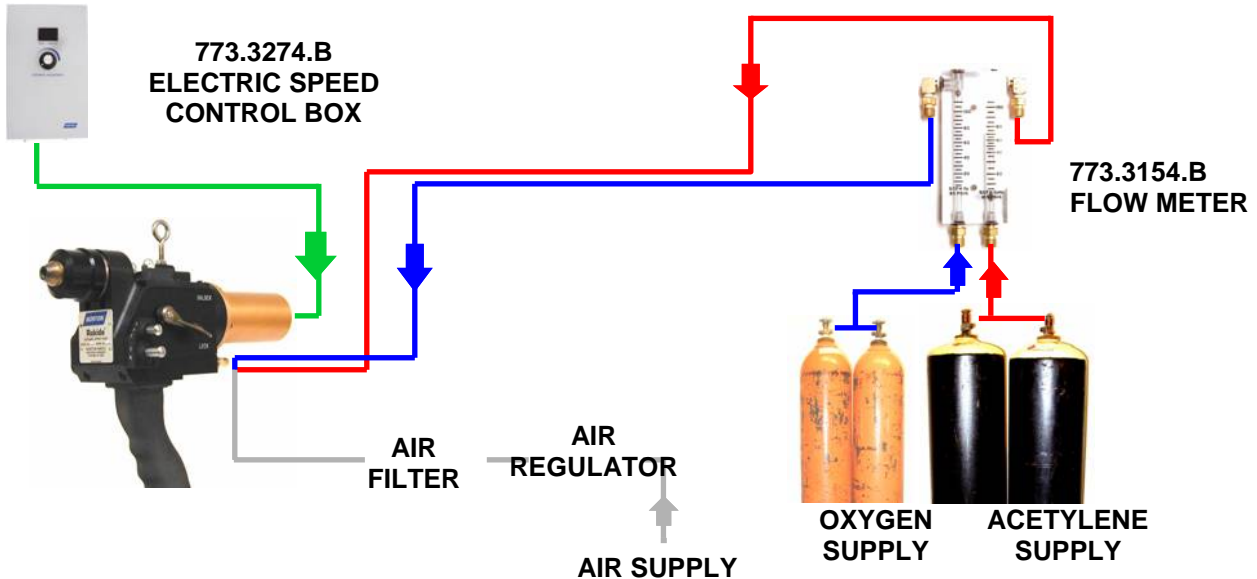
➤ The Stage II electric motor permits ease of operation, precise rod/cord speed control and improved production and lower costs. The motor can be activated at the spray unit giving the operator complete control. Motor converts automatically to international input voltage and frequencies.



SPRAYED ROKIDE RODS		
Product Name	Material	Diameter
ROKIDE A	Alumina	3/16" (4.75mm), 1/4" (6.35 mm)
ROKIDE MBA	Alumina	1/4" (6.35 mm)
ROKIDE HPA	Alumina	1/4" (6.35 mm)
ROKIDE C	Chromium Oxide	3/16" (4.75mm), 1/4" (6.35 mm)
ROKIDE TC	Chromium Oxide	1/4" (6.35 mm)
ROKIDE MBC	Chromium Oxide	1/4" (6.35 mm), 5/16" (7.94 mm)
ROKIDE EZ	Zirconia	1/4" (6.35 mm)
UNDERCOAT RODS	Nickel Chrome 80/20	1/4" (6.35 mm)

SPRAYED FLEXIBLE CORDS		
Product Name	Material	Diameter
Corundum	Alumina	3/16" (4.75mm)
Corundum Blue	Alumina 3 Titania	3/16" (4.75mm)
Corundum Black	Alumina 13 Titania	3/16" (4.75mm)
Spinel	MgAl2O4	3/16" (4.75mm)
Calcium Zirconate	CaZrO3	3/16" (4.75mm)
Chrome Oxide	Cr2O3 : Al2O3	3/16" (4.75mm)
Titania	Titania	3/16" (4.75mm)
Nialide	Nickel w/ 5% Al	3/16" (4.75mm)
RocDur 48	NiCrBSi alloy	3/16" (4.75mm)
RocDur 6750	WC + NiCrBSi	3/16" (4.75mm)
Iron Oxide	Fe2O3	3/16" (4.75mm)

## ASSEMBLY OF FACILITY FOR ROKIDE





# ROKIDE ROD SPRAYING

Rokide diameter capability 3/16" (4.75 mm), 1/4" (6.35 mm), 5/16" (7.94 mm)



773.3051.B  
MAIN BODY AIR CAP



773.3077.B  
773.3078.B  
773.3079.B  
O RINGS



773.3058.B  
MIXING HEAD



773.3019.B  
COMBUSTION HEAD  
ROD GUIDE



773.3032.C  
MICARTA FEED

OR



773.3032.B  
STEEL FEED ROLL



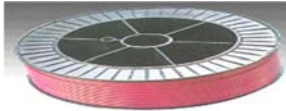
773.3281.B (1/4, 3/16)  
773.3282.B (5/16)  
CHROME PLATED AIR CAP



773.3064.B (3/16)  
773.3213.B (1/4)  
773.3279.B (1/4)  
773.3233.B (5/16)  
773.3280.B (5/16)  
NOZZLE



773.3255.B  
773.3241.B  
ROD GUIDE TUBE



# FLEXIBLE CORD SPRAYING

Flexible cord diameter 3/16" (4.75 mm)



773.3051.B  
MAIN BODY AIR CAP



773.3077.B  
773.3078.B  
773.3079.B  
O RINGS



773.3058.B  
MIXING HEAD



773.3286.B  
CONVERSION COMBUSTION  
HEAD ROD GUIDE



773.3032.B  
STEEL FEED ROLL



773.3281.B  
CHROME PLATED AIR  
CAP (1/4, 3/16)



773.3287.B  
3/16 NOZZLE



773.3288.B  
CONVERSION SPRING GUIDE

# FLEXIBLE CORD CONVERSION KIT ASSEMBLY 773.3289.B



773.3047.C  
TURBINE SHAFT  
(UPGRADE)



773.3013.C  
WORM GEAR  
(UPGRADE)

## KIT INCLUDES:

- 773.3047.C - Turbine Shaft
- 773.3013.C - Worm Gear
- 773.3287.B - (3/16) Nozzle
- 773.3286.B - Conversion Combustion Head Rod Guide
- 773.3288.B - Conversion Spring Guide

New gear added to increase feed rate to spray flexible cord and to reduce wear on electric motor.

New gears are part of conversion kit assembly.