

# Instrumentation/Process Control

## Rice Lake Econo Filler



### STANDARD FEATURES

- Electro-pneumatic control mounted at the filling station
- Self-optimizing filling program
- Printer/EDP interface
- Below surface filling (for foaming and fuming products)
- Above surface filling (for non-hazardous, non-foaming products)
- Removable lance allows continued operation during cleaning process
- Two stage, linear actuated valve
- Fail safe spring return filling valve
- Aseptic, drip proof valve
- Self-adjusting PTFE (Teflon®) valve seal
- Pneumatic linear drive lance eliminates the use of slinging jack screw
- Intrinsically safe, internally lubricated lance assembly
- Empty drums and containers are manually positioned at the filling unit
- Automatic filling
- 920i® based control system
- Hydrostatically balanced valve so its closing function is independent of pressure

Teflon is a registered trademark of E.I. du Pont de Nemours and Company

### SPECIFICATIONS

#### CONTAINER DIAMETER:

620mm maximum

#### CONTAINER HEIGHT:

550mm to 1050mm (for filling stations with base height adjustment)

#### WEIGHING RANGE RESOLUTION:

25kg - 280kg / 100g (3,000d)

#### NOMINAL OUTPUT:

Approximately 60 containers/drums per hour depending on container size, product pressure, viscosity, foaming

#### WEIGHT:

Approximately 400kg  
(881 lbs)

#### DIMENSIONS

<b>A</b>	114.00in (2895.6mm) header placement	<b>J</b>	15.0in (381mm) adjustable range
<b>B</b>	69.0in (1752.6mm)	<b>K</b>	7.0in (177.8mm)
<b>C</b>	74.0in (1879.6mm)	<b>L</b>	13.0in (330.2mm)
<b>D</b>	13.0in (330.2mm)	<b>M</b>	43.0in (1,092.2mm) lance
<b>E</b>	138.0in (3505.2mm)		39.0in (990.6mm) stroke down
<b>F</b>	106.0in (2692.4mm)	<b>N</b>	1.6in Ø (40.6mm)
<b>G</b>	24.0in (609.6mm)	<b>O</b>	16.0in Ø (406.4mm)
<b>H</b>	8.0in (203.2mm)	<b>P</b>	29.0in (736.6mm)
<b>I</b>	1.5in (38.1mm)		

