

Micon 500

Description

Kraus MICON 500 **electronic registers** offer the latest technology in a long and successful line of MICON registers that have consistently exceeded market expectations. The MICON 500 combines versatility applicable to multiple dispensing applications and fuels, with superior performance.

Features

- * Multiple decimal point configurations
- * Hand held communicator for "at pump" price setting and totals display
- * Programmable configuration parameters
- * Supports electronic communications with consoles for such functions as remote setting and totalizer reading
- * Shaft encoder for meter input with direction sensing and compensation
- * Dual channel quadrature pulser inputs
- * Pulser and display error detection
- * Low battery indicator and automatic shutdown on pulser fault
- * 1000 pulses per second input
- * Volume and Dollar pulser outputs
- * Audit trail event counter
- * Built-in-slow-down solenoid driver for prepay or preset operation
- * Battery backup with data display while AC power is off

Applications

OEM

- * High speed flow rates for use in commercial pumps
- * Automatic Temperature Compensation for a variety of products
- * Ability to interface with Tokheim/Gilbarco Console systems
- * Ability to interface with most card/key systems
- * Preset options available

LPG

- * Automatic Temperature Compensation
- * Adjustable multiplication factor for use on various meter types
- * Several types of pulsers to correspond with different style meters
- * Electronic Calibration set -19.99 to +19.99

CNG

- * Master reset switch contact for authorized access system restarts
- * Analog intrinsically safe pressure and temperature transducer inputs for maximum accuracy and reliability
- * Pressure limit switch backup system

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- * *Includes heat-of-compression system to optimize delivery quantities*
- * *Accommodates 2400, 3000 or 3600 psig (@ 70°F) refueling systems*

Hydrogen

- * *Configuration available for Hydrogen*

Retrofit Applications

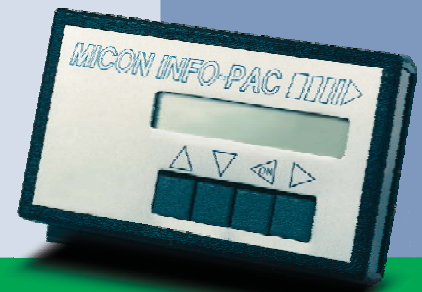
- * *Easily installed to retrofit older pumps which have mechanical registers*
- * *Kraus Global Inc. Manufactures mechanical retrofit kits for any other manufacturer's pumps*
- * *The currency rate on the M500 is completely adjustable to comply with all forms of currency*
- * *Micon 500 models are approved by: CSA (NRTL), Industry Canada (W&M), NIST, ATEX (Europe) and PTB (Germany)*

Specifications

- * *Standard 110/220 VAC, 50/60 Hz*
- * *Rated for Class 1, Division 1, Group D, hazardous locations*
- * *Intrinsically safe design*
- * *Less than 50 watts power consumption*
- * *Operating temperature range -40°C to +70°C*
- * *Standby battery life greater than 6 months*
- * *Non-resettable value totalizers to 10 digits*
- * *Non-resettable volume totalizers to 10 digits*

Hardware Options

- * *RS232, RS422, MNET, Gilbarco and Tokheim interfaces*
- * *Intrinsically safe back-lit displays*
- * *Two tier price switch with independent volume and value totalizers for each of the two prices*
- * *Display of uncompensated totals with attached option*
- * *Mechanical volume totalizer backup*
- * *Customized colors for display face plates*
- * *Remote pulser input*
- * *Customized wire harness lengths*
- * *European models (220 VAC 50/60 Hz) available*
- * *Non-computing register for commercial applications*
- * *Preset Option*



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Transportation Refueling Systems

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