



PMP CORPORATION
Petroleum Meter & Pump

Meter & Pumping Unit Identification Manual



All
Major
Brands



Introduction

This Meter & Pumping Unit Identification Manual is intended to be a guide to aid you in obtaining the meter and pumping unit that you need. The most common meters and pumping units that our firm rebuilds are included here.

Our meters and pumping units are guaranteed for workmanship and materials for one year from date of installation. New inlet and outlet gaskets or o-ring (seals) are furnished.

PMP products are available through petroleum equipment distributors.

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All manufacturers' numbers, names, trade names, trademarks and descriptions used here are for reference purposes only. None of the rebuilt items listed in this manual is the product of the identified manufacturers.

Bennett®



Bennett SB-100

U.S. Gallons		Liters	
<u>Mfg#</u>	<u>PMP#</u>	<u>Mfg#</u>	<u>PMP#</u>
N7235-01 (101187)	21000	N7235-02 (101189)	21021



Bennett 4000 (Type 40)

<u>Mfg#</u>	<u>PMP#</u>	<u>Mfg#</u>	<u>PMP#</u>
H607001	21001	Vizi Glass	21003
H607011(Electronic)	21005	Vizi Glass (Electronic)	21006

Bennett 2/3/4000 meters look the same externally except for adjustment assemblies.

- 4000 series has stamped metal (flat discs) adjustment dials
- 2000/3000 series has die cast adjustment dials
- Vizi Glass has one plug prepared for installation in Canada
- Electronic model has plastic drive half-coupling



Bennett 2000 & 3000

<u>Mfg#</u>	<u>PMP#</u>
2000/3000 Series	21002
Vizi Glass	21004



Type 75 - Electronic

<u>Mfg#</u>	<u>PMP#</u>
N190730S (190730)	21013

- 2 bolt outlet flange, two “ears” on dome
- Used in electronic pumps



Type 75 - Standard

<u>Mfg#</u>	<u>PMP#</u>
N190701S (190701)	21011

- 4 bolt outlet flange, flat top dome
- Used in single product/single hose or dual product/dual hose pumps with 1/3 h.p. motors

Type 75 - Heavy Duty

<u>Mfg#</u>	<u>PMP#</u>
N190702S (190702)	21012

- 4 bolt outlet flange, flat top dome
- Used in single product/dual hose pumps with 3/4 h.p. motors



Type 70 - Standard

<u>Mfg#</u>	<u>PMP#</u>
J1957-01	21008

- Used in single product/single hose or dual product/dual hose pumps with 1/3 h.p. motors

Type 70 - Hi-Delivery

<u>Mfg#</u>	<u>PMP#</u>
J1957-02	21010

- Used in single product/dual hose pumps with 3/4 h.p. motors



Type 40 - Standard

<u>Mfg#</u>	<u>PMP#</u>
Multiple #'s	21007

Type 40 - Heavy Duty

<u>Mfg#</u>	<u>PMP#</u>
Multiple #'s	21009

- Cast iron body
 - Several outlet varieties
- Note: Customer must send core in advance.



Gilbarco Advantage®

Mfg# PMP#
PA024TC20 22008

- Discharge port is 90° to right of calibration dial
- Plastic swivel ball and pin on shaft



Gilbarco Advantage®

Mfg# PMP#
PA024TC21 22009

- Discharge port is directly above calibration dial
- Plastic swivel ball and pin on shaft



Gilbarco Highline® - Electronic

Mfg# PMP#
PA024TC10S 22003

- Single top gear for electronic drive
- Gear has 40 teeth



Gilbarco Trimline® - "New Style"

Mfg# PMP#
PA024NC10S 22001

- Flanges have 5 boltholes
- Drive gear: 24 teeth • Pinion gear: 12 teeth

Imperial Gallons

Mfg# PMP#
PA024NC12BS 22005

- Drive gear: 24 teeth • Pinion gear: 10 teeth

Liters 2:1

Mfg# PMP#
PA024NC14MS 22023

- Drive gear: 21 teeth • Pinion gear: 20 teeth

Liters 4:1

Mfg# PMP#
PA024NC12MS 22022

- Drive gear: 20 teeth • Pinion gear: 38 teeth



Gilbarco - "Old Style"

- Triangular flanges with 3 boltholes
- Gasket seal for the inlet and outlet flanges

<u>Mfg#</u>	<u>PMP#</u>
PA24G-xx	22002

- Drive gear: 24 teeth • Pinion gear: 12 teeth

Gilbarco - Imperial Gallons "Old Style"

<u>Mfg#</u>	<u>PMP#</u>
PA24x-xx	22006

- Drive gear: 24 teeth • Pinion gear: 10 teeth

Pumping Units



- Strainer perpendicular to inlet • 3/4" outlet
- Used in post-1987 Highline, Trimline & Legacy

Gilbarco Vane - Standard Flow

<u>Mfg#</u>	<u>PMP#</u>
PUS020-xx	22013

- Used in single product/single hose or two product/two hose pumps with 1/3 h.p. motors

Gilbarco Vane - High Flow

<u>Mfg#</u>	<u>PMP#</u>
PUS020-xx	22014

- Used in single product/two hose pumps with 3/4 h.p. motors



- Strainer adjacent to inlet
- 1" outlet with bushing to 3/4"
- Used in pre-1987 Highline and Trimline

Gilbarco Vane - Standard Flow

<u>Mfg#</u>	<u>PMP#</u>
PUS010-xx	22010

- Used in single product/single hose or two product/two hose pumps with 1/3 h.p. motors

Gilbarco Vane - High Flow

<u>Mfg#</u>	<u>PMP#</u>
PUS010-20	22012

- Used in single product/two hose pumps with 3/4 h.p. motors



Gilbarco Rotor - High Gallonage

<u>Mfg#</u>	<u>PMP#</u>
K80396	22011

- Used in the Trimline High Gallonage pump with a 3/4 h.p. motor

(no photo)

Gilbarco "Gerotor" - Standard Flow

<u>Mfg#</u>	<u>PMP#</u>
W03002-G17	22015

- Used in Advantage, optional in Legacy

Liquid Controls®



LC M-5
2 - Screw Dust Cover
PMP #28014

<u>Dispenser</u>	<u>Mfg#</u>	<u>Dispensers</u>
Bennett	N737601	7800 series Hi-Capacity
Marconi / Gilbarco	T18767	Highline, Trimline Ultra Hi
Gasboy®	035434	Gasboy
Schlumberger	4100061	4600-4900 Series
Tokheim	3-419902	262A HV, 4600- 4900 Series



LC M-5
1 - Screw Dust Cover
PMP #28012

<u>Dispenser</u>	<u>Mfg#</u>	<u>Dispensers</u>
Bennett	N737601	7800 Series Hi-Capacity
Marconi / Gilbarco	T18767	Highline, Trimline Ultra Hi
Gasboy	035434	Gasboy
Schlumberger	4100061	4600-4900 Series
Tokheim	3-419902	262A HV



LC M-5
1 or 2 - Screw Dust Covers
PMP #28016

- Two 3/8"- 16 bolt holes on inlet & outlet flanges



LC M-5
Direct Drive to Pulsar
PMP #28009

<u>Dispenser</u>	<u>Mfg#</u>	<u>Dispensers</u>
Marconi / Gilbarco	T18621-01	Highline, Legacy® Ultra Hi® Electronic



LC M-5
4 - Screw Dust Cover
PMP #28010

<u>Dispenser</u>	<u>Mfg#</u>	<u>Dispensers</u>
Bennett	N737601	7800 series Hi-Capacity
Marconi / Gilbarco	R18759-01	Highline, Trimline Ultra Hi
Gasboy	035407	Gasboy
Schlumberger	4100061	4600-4900 Series
Tokheim	3-419902	262A HV



Electronic

<u>Mfg#</u>	<u>PMP#</u>
7-140001-54	23004

- Opening in top of “dogleg” gearbox for electronic drive instead of coupling
Note the gearbox orientation in relation to side inlet port.



Universel Epsco

<u>Mfg#</u>	<u>PMP#</u>
(Model PM-2)	23009

- Gearbox in same position as on electronic drive
Note the gearbox orientation in relation to side inlet port.



Cap Style A, “New Style”

<u>Mfg#</u>	<u>PMP#</u>
7-140001-32	23001

- Offset “dogleg” gearbox
Note the gearbox orientation in relation to side inlet port.



Cap Style B, “Old Style”

<u>Mfg#</u>	<u>PMP#</u>
7-140001-38	23002

- Straight gearbox
Note the gearbox orientation in relation to side inlet port.



Koppens

<u>Mfg#</u>	<u>PMP#</u>
For Koppens pumps	23008

Schlumberger SM100A (Centurion®)
Tokheim 100



**Centurion
Non-threaded Outlet**

Mfg# PMP#
8100309 24020



**Centurion
Threaded Outlet**

Mfg# PMP#
8100309 24021



**Centurion
Threaded Outlet
With Junction Box Dome**

Mfg# PMP#
8100309 24022

Schlumberger

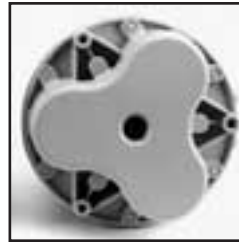
Southwest - Schlumberger



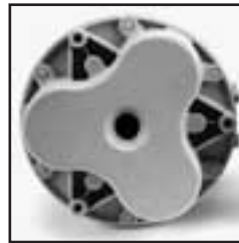
Southwest

U.S. Gallons - E-400-3
Liters 4:1 - E-400-4

- Stamped metal adjusting dial assembly
- PMP units have a pulser mounting bracket



<u>Mfg#</u>	<u>PMP#</u>
E-400-3 (U.S. Gallons)	24001
E-400-4 (liters)	24005
<ul style="list-style-type: none"> • Flat outlet • Manufactured after mid-1986 	



<u>Mfg#</u>	<u>PMP#</u>
E-400-3	24003
<ul style="list-style-type: none"> • Chamfered outlet • Manufactured before mid-1986 	



Southwest "Old Style"

<u>Mfg#</u>	<u>PMP#</u>
E-400	24002
<ul style="list-style-type: none"> • Hexagonal cap over adjusting mechanism 	

Southwest

Southwest Pumping Units



Model 25LV-E - Standard Flow

<u>Mfg#</u>	<u>PMP#</u>
31387-3	24010

- 3 1/2" rotor housing
- For use with 1/3 h.p. motor



Model 35LV - Heavy Duty

<u>Mfg#</u>	<u>PMP#</u>
31387-4	24011

- 4 1/2" rotor housing
- For use with 3/4 h.p. motor



Tokheim 898 K

- Flanged outlet on top
- Machined by PMP to accommodate electronic gear trains and mechanical computers

U.S. Gallons

<u>Mfg#</u>	<u>PMP#</u>
407726-10	25001

Imperial Gallons

<u>Mfg#</u>	<u>PMP#</u>
416873-25	25004

Liters 2:1

<u>Mfg#</u>	<u>PMP#</u>
416873-32	25005



Tokheim 890 KK

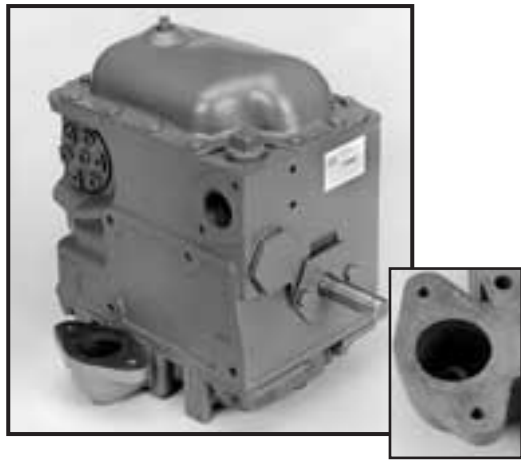
U.S. Gallons

<u>Mfg#</u>	<u>PMP#</u>
1-405565	25002

- Threaded inlet on side of meter opposite adjustment dial

Tokheim Figure #1-17 - PMP #25003-xx

- Tokheim has produced 17 different models.
- If you need assistance in identifying a model not shown here, please contact us.



- Facing pulley, inlet halfway up left side
- Flange faces up (no check valve seat)

Single Product / Single Hose

Tokheim - Standard

Mfg#	Pump Series	PMP#
405952-39	(Multiple)	25100

Tokheim - High Speed

Mfg#	Pump Series	PMP#
405952-43	xxxx-HD/MC	25106

Gasboy - Standard

Mfg#	Pump Series	PMP#
48393	xx52	25100

Gasboy - High Gallonage

Mfg#	Pump Series	PMP#
48392	xx53	25106

Single Product / Two Hose

Tokheim

Mfg#	Pump Series	PMP#
405952-39	xxxx-1-TWIN	25101

Gasboy

Mfg#	Pump Series	PMP#
48392	xxxx-TW-1	25101

Note: There are many older Tokheim Pumping Unit models. Cores are required in advance for most of these.



- Facing pulley, inlet at right rear corner
- Flange faces up (no check valve seat)

Two Product / Two Hose

Tokheim

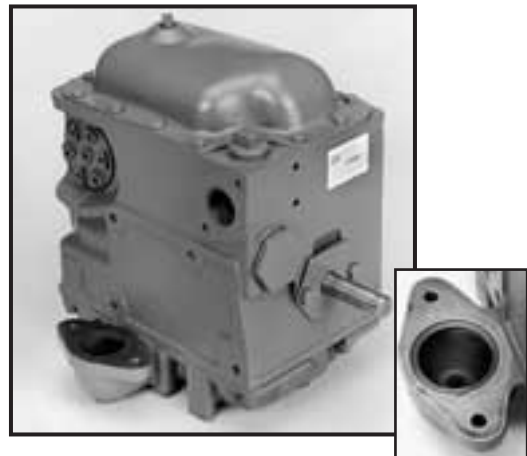
Mfg#	Pump Series	PMP#
405952-52	xxxx-2-TWIN	25102

Gasboy - Standard

Mfg#	Pump Series	PMP#
48394	xx52TW-2	25102

Gasboy - High Gallonage

Mfg#	Pump Series	PMP#
48395	xx53TW-2	25105



- Facing pulley, inlet halfway up left side
- Flange faces up (with check valve seat)

Two Pumps / Single Product / Single Hose

Tokheim

Mfg#	Pump Series	PMP#
405952-42	xxxx-HS/HC	25104

Gasboy

Mfg#	Pump Series	PMP#
48080	xxxx-HC	25104



iMeter

- | | |
|--------------------------------------|-------------|
| <u>Mfg#</u> | <u>PMP#</u> |
| 001-047916 | 26031 |
| • Grooved o-ring inlet, Single-sided | |
| 001-047915 | 26032 |
| • Grooved o-ring inlet, Two-sided | |
| 001-048016 | 26033 |
| • Flat faced inlet, Single-sided | |
| 001-048015 | 26034 |
| • Flat faced inlet, Two-sided | |



2PM-6K Electronic - U.S. Gallons

- | | |
|---------------------------------------------------|-------------|
| <u>Mfg#</u> | <u>PMP#</u> |
| 23-39310 | 26003 |
| • Two gears for electronic computer dispensers | |
| • Accepts check valve | |
| • Gear teeth: pinion - 75
drive - 56 (plastic) | |



2PM-6-52 Electronic Hi-Speed

- | | |
|-------------------------------------------------|-------------|
| <u>Mfg#</u> | <u>PMP#</u> |
| 52-39310 | 26004 |
| • Two gears for electronic computer dispensers | |
| • Accepts check valve | |
| • Gear teeth: pinion - 75
drive - 56 (metal) | |



2PM-6-48 Electronic Liters

- | | |
|------------------------------------------------|-------------|
| <u>Mfg#</u> | <u>PMP#</u> |
| 48-39310 | 26000 |
| • Two gears for electronic computer dispensers | |
| • Accepts check valve | |
| • Gear teeth: pinion - 76
drive - 15 | |



2PM-4, 2PM-5, 2PM-6

(shown without gear cover to show gears)

2PM-4, 2PM-5, 2PM-6 - U.S. Gallons

<u>Mfg#</u>	<u>PMP#</u>
046378 (2PM-6)	26002
(2PM-4 & 5)	26001

- Three gears for mechanical computer dispensers
- Gear teeth: pinion - 20, idler - 22, drive - 40

2PM-6C - Imperial Gallons

<u>Mfg#</u>	<u>PMP#</u>
02-39310	26006

- Three gears for mechanical computer dispensers
- Gear teeth: pinion - 17, idler - 24, drive - 41

2PM-6BE - Liters 2:1

<u>Mfg#</u>	<u>PMP#</u>
20-39310	26025

- Three gears for electronic computer dispensers
- Gear teeth: pinion - 29, idler - 16, drive - 30
or pinion - 35, idler - 32, drive - 37



2PM-4D, 2PM-5D, 2PM-6D - Blend

(shown without gear cover to show gears)

<u>Mfg#</u>	<u>PMP#</u>
04-39310	26007

- Used in Wayne 511 blend pumps.
- Two gears. Turns opposite from standard meters.
- Gear teeth: pinion - 33, drive - 33



2PM-3

(shown without gear cover to show gears)

- Dome is taller than newer models 4, 5 & 6
- All models with the same type of gears are interchangeable

2PM-3 - U.S. Gallons

<u>Mfg#</u>	<u>PMP#</u>
Multiple	26009

- Three gears for mechanical computer dispensers
- Gear teeth: pinion - 16, idler - 14, drive - 32

2PM-3C - Imperial Gallons

<u>Mfg#</u>	<u>PMP#</u>
xx	26010

- Three gears for mechanical computer dispensers
- Gear teeth: pinion - 16, idler - 14, drive - 38

2PM-3D - Blend

<u>Mfg#</u>	<u>PMP#</u>
36947	26008

- Two gears. Turns opposite from standard meters.
- Gear teeth: pinion - 33, drive - 33

Wayne® Pumping Units



Top View



Bottom View

threaded inlet



3 bolt inlet

Compact - Standard

<u>Mfg#</u>	<u>PMP#</u>
22-44059	26021

- Threaded Inlet
- No float (internal)

Compact - Hi Capacity

<u>Mfg#</u>	<u>PMP#</u>
23-44059	26022

- Threaded inlet
- With float (internal)
- Used in Decade 163, Series 362

Compact - Standard

<u>Mfg#</u>	<u>PMP#</u>
15-44059	26019

- 3 bolt inlet flange
- No float (internal)
- Used in 162 Square Head, Series 330

Compact - Hi Capacity

<u>Mfg#</u>	<u>PMP#</u>
16-44059	26023

- 3 bolt inlet flange
- With float (internal)
- Used in 162 square head, Series 330

Wayne



“Kidney” Shape

<u>Mfg#</u>	<u>PMP#</u>
x-41916	26020

- Used in Wayne 511 blend pumps



Compact - For Vista & Century

<u>Mfg#</u>	<u>PMP#</u>
004-047579	26024

- Post 1995

Customer Service



From left to right: Carol Jugenheimer, Carl Davis, Lil Ingvertsen, Scott Burgess, Kevin Carey, Esther Hunt (Office Administrator) and Debby Mangum.

- PMP has been providing excellence in remanufactured petroleum equipment since 1950.
- Our business is built on customer service.
- Our staff is dedicated to processing your orders promptly, courteously, accurately, and delivering on time!
- Our goal is to treat every customer as we want to be treated.

Other Remanufactured Products

Vapor Recovery Pumps
 Credit Card Printers
 Journal & Receipt Printers
 Cash Drawers

Mechanical Computers
 Non-Computers
 Pulsers
 Electric Resets

Visible Registers
 Ticket Printers
 Master Duplicators
 Air Towers

Shipping Weights

<u>Meters/Pumping Units</u>	<u>Pounds</u>	<u>Kilograms</u>
Bennett SB-100 meter	12	5
Bennett 2/3/4000 meter	44	20
Bennett Type 70/75 pumping unit	36	16
Bennett Type 40 pumping unit	75	34
Liquid Controls M-5 meter	19	9
Marconi / Gilbarco meter	15	7
Marconi /Gilbarco pumping unit	43	20
Schlumberger SM100A Centurion meter	12	5
A.O. Smith meter	16	7
Southwest meter	18	8
Southwest pumping unit	20	9
Tokheim meter	46	21
Tokheim pumping unit	75	34
Universel Epsco meter	16	7
Wayne iMeter	19	9
Wayne 2PM4/5/6 meter	11	5
Wayne Compact pumping unit	54	25

Note: Meters and pumping units must be completely drained, dried and sealed before shipping. Cap plugs and plates are available at no charge. Please contact PMP Customer Service.

Reliability Since 1950

PMP CORPORATION

OUR BUSINESS

is remanufacturing gasoline station equipment.

OUR MISSION

is to provide remanufactured products
that perform better than new.

OUR VISION

is to provide exceptional service, superior performance,
at reasonable prices.

Products and services are available from distributors throughout the United States,
Canada, Mexico and other countries around the world.



Our 35,000 square foot state-of-the-art facility

**Distributed
by**

For the latest information visit our website at www.pmp-corp.com



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