

MaxiScan-Combo Sales Guide



MaxiScan™ Combo (M2300/2400 Combination)

Intermec

A **UNOVA** Company

1.Introduction

The MaxiScan-Combo is a Bi-Focal scanner created by the combination of both M2300VS and M2400HS. The result is a high performing bi-optic flatbed scanner combining the best of horizontal and vertical scanning.

Main benefits are:

- Adaptable and customizable thanks to the modular system.
- Highly reliable: 30,000hrs MTBF.
- Many accessories available: scale, handheld scanner and EAS system (optional) can be connected.
- Unique designed pattern of 35 scan lines at 3500 scan/sec scan rate for optimized first time reading.
- Reduced operator fatigue and discomfort.

2. Specification Comparison

Manufacturer:	Intermec	PSC	NCR
Type	MaxiScan Combo	Magellan SL	NCR 7880
Dimensions			
dim. (L*W*D cm)	24x20,5x7,5 21x18.3x7		
weight (kg)	2,5/ 1.2	3.6	3.6
Electrical			
Power supply (int./ext.)	external	external	external
Power (W)	8.4	14	7
Power start up (W) /during (ms)	12 / <100	?	?
supply voltage (V_AC 1)	100 - 250	90 - 250	90 - 250
Environmental Specifications			
Temp. Range (°C)			
operating	0 - +40	0 - 40	+10 - +40
transport	-40 - +70	?	-40 - +60
Rel. humidity (non condensing)			
operating (%)	+0 - 95	5 - 95	5 - 95
storage/transport (%)	+0 - 95	5 - 95	5 - 95
Indicators			
visible (colors)	3 color	2 color + 5 LED	2 color
good read	y	y	y
false read	y	y	y
read/decoding	y	y	y
program mode	y	y	y
sleep	y	y	y
malfunction	y	y	y

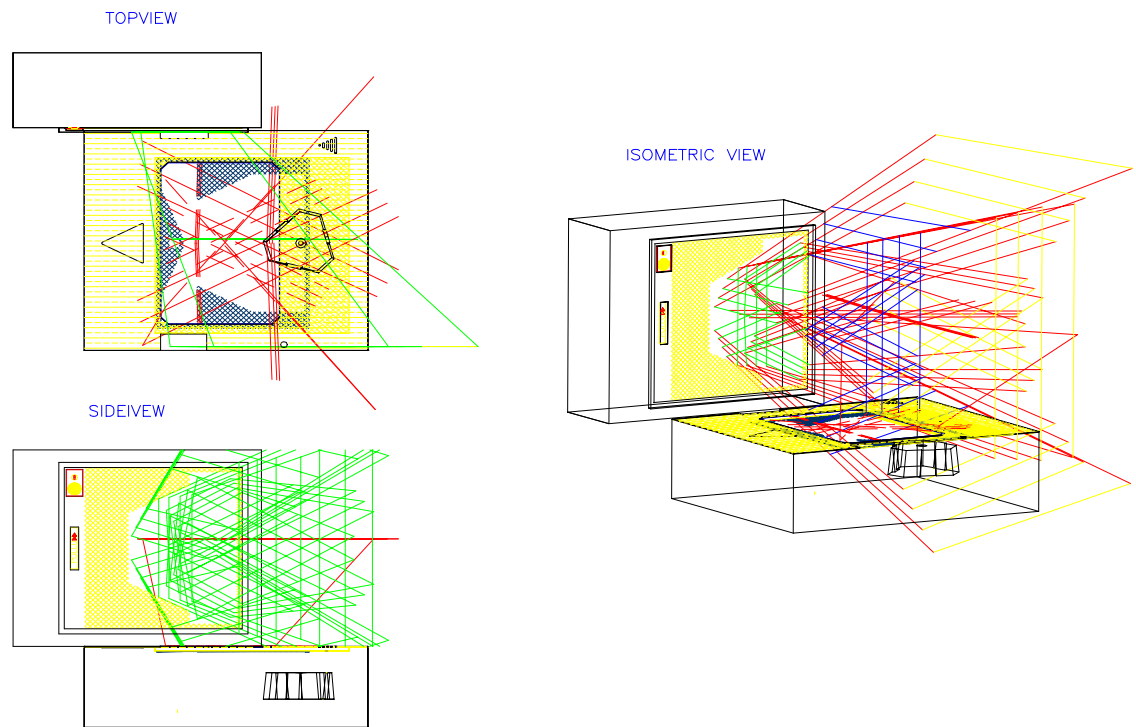
Manufacturer:	Intermec	PSC	NCR
Type	MaxiScan Combo	Magellan SL	NCR 7880
Performance			
Scan lines: total	(15/ 20) 35	48	40
H-lines			
V-lines			
D-lines			
Scan lines per sec.	3500	3600	5333
Scan depth of field (cm) UPC 100%	15Hor/ 30 Ver.	27.9	15
Code reconstruction	y	Edge/ Adaptive	y
fragment scanning EAN	y	y	y
fragment scanning UPC	y	y	y
fragment scanning JAN	y	y	y
Auto discrimination between codes	all	all	all
Sleep mode option			
automatic shut-off	y	y	y
after (rng. in min) standard	0 - 30	0 - 30	0 - 30
power up (automatic/switch)	Switch/ Automatic	Switch/ Automatic	Switch/ Automatic
wake up time (in sec.)	< 2	>> 2	>> 2
Programmable			
by barcode label (y/n)	y	y	y
by download from host (y/n)	y	y	y
software features:	y	?	?
upgrade capability	y	y	y
volume range	4 settings	4 settings	4 settings
tone range	4 settings	4 settings	4 settings
Codes:			
UPC-A	y	y	y
UPC-E	y	y	y
EAN 8	y	y	y
EAN 13	y	y	y
incl. EAN 2 label pairs	y	y	y
EAN 128	y	y	y
UCC 128	y	y	y
JAN 8	y	y	y
JAN 13	y	?	y
incl. JAN 2 label pairs	y	?	y
32	y	?	?
39	y	y	y
Codabar	y	y	y
MSI/Plessey	not yet	?	?

Manufacturer:	Intermec	PSC	NCR
Type	MaxiScan Combo	Magellan SL	NCR 7880
Window	tin-oxide(<i>vertical</i> Sapphire Horizontal	glass sapphire	tin-oxide sapphire
Glass std			
Glass option 2			
Glass option 3	n	DLC	DLC
inner glass sealed	y	y	y
stainless steel top	y	y	y
Scale			
Scale option (y/n)	y	y	y
added as upgrade (y/n)	y	y	y
scale capacity ,(kg) /class type	15 Kg (III)	15 Kg (III)	15 Kg (III)
weight sensor type	Double sealed load cell	Single sealed load cell	Single sealed load cell
Multi interval	y	n	n
min. increment (kg) 0-6 kg	2 gram	5 gram	5 gram
min. increment (kg) 6-15 kg	5 gram	5 gram	5 gram
zero reset	y	y	y
zero LED indicator	y	y	y
automatic zero tracking	y	y	y
interface for LCD display	y	y	y
Device Support			
2nd scanner	yes	y	y
hand held scanner	yes	y	y
EAS deactivation:			
passive	yes	y	y
active	yes	y	y

3. Comments from the above comparison

- The MaxiScan-Combo is extremely adaptable and versatile vs. competitor products. Because the MaxiScan-Combo is a modular system, almost any custom installation is possible.
- Lower cost of ownership: the MTBF is 30,000 hrs for both scanners, outperforming the competition. Furthermore, the fact that the vertical and horizontal parts are separated spread the cost more or less evenly and longer.
- Upgradeable system: the customer can start either by using a vertical or horizontal scanner and upgrade it if needed to a MaxiScan-Combo. Also, a scale, handheld scanner and EAS system can be connected.
- Exceptional reading performances: with 35 scan lines and a 3500 scan/sec scan rate, the scan pattern is extremely dense and also shows a greater volume than its competitors.

- Reduced operator fatigue and discomfort thanks to an intuitive and snappy scanning.



The use of real vertical lines minimizes the need to tilt and lift the product and the fact that the scan patterns are directed towards the flow of goods increases comfort and throughput.

MaxiScan-Combo Scan Pattern