



12:01 PM	31-OCT-2003
ID# 788	
WEIGHT OKAY	
OVER	
ACCEPT	
UNDER	
PRODUCT #788	
PRINT	TARE

12:01 PM	31-OCT-2003
ENTER PLU #	
#GC788	
GROUND CHUCK	
PLU SETUP	
NAME	PRICE
SELL BY	GROUP
PLU 3788	PACKED ON
PRINT	TARE
REPORT	MENU

Large 320 x 240
resolution, backlit, blue
LCD graphics display
and 14 soft keys

Models 777 and 788

Programmable Weight Indicators

Four line, backlit, liquid
crystal display and four
soft keys



- Batching
- Truck Storage
- Food Processing
- Digital Fill Control
- Multiple Tank Weighing
- Multi-platform Vehicle Applications
- Multiple Scale Operations • and Many More Possibilities.



Versatility

From straightforward, simple weighing to complex process automation, the 777 and 788 programmable indicators give you precise control over your weighing needs. With a unique, modular design and tools that simplify programming, the 777 and 788 can fulfill exactly what your application requires. Both come in an optional **NEMA-4 Stainless Steel Enclosure** for extra protection in wet or harsh environments.

MENÚ

SPEISEN-
KARTE

МЕНЮ

Multiple Languages





The 788 has different **language character fonts** which display virtually any language, including Russian, German, Spanish, and Greek.

Soft Keys

Soft key technology is truly **user friendly** and completely self-prompting. Simply touch the key associated with the displayed legend. Even the least experienced operator can work with it in no time at all.

They're so versatile...

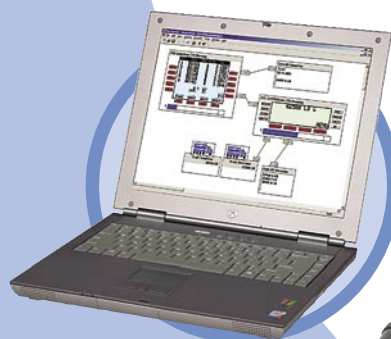
12:00 PM	31-OCT-2003
SCALE #1 AXLE 1 11500 lb GROSS	EXIT SCALE
SCALE #2 AXLE 2 32420 lb GROSS	
SCALE #3 AXLE 3 31560 lb GROSS	
75480 lb TOTAL GROSS	
Truck ID: CM788	
PRINT	

12:00 PM		31-OCT-2003	
TANK 1  913 lb	TANK 2  1203 lb	TANK 3  975 lb	TANK 4  788 lb
SCALE 2			SCALE 3
SCALE 1	FILL CONTROL		SCALE 4
PRINT			MENU

...we can't wait to see how you'll use them next!

SmartWeigh

Cardinal's Smartweigh **development software** provides a flexible means of developing application software for the 777 and 788.



Slots for optional I/O and special function cards

Standard scale input card

RS232/RS485 bi-directional serial port

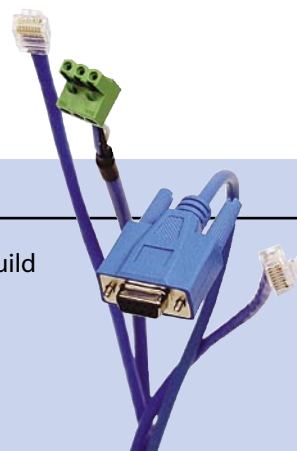
RS232 bi-directional serial port

Keyboard input for optional 101 key PC compatible keyboard

Connectivity

Whether your needs are process control, data handling or simply sending data to a printer the 700 series is your solution. Utilizing Cardinal's wide range of interface cards, Scale Input, Analog Output, Serial I/O (RS-32/485), Parallel I/O (LPT), Digital I/O (relays), Allen-Bradley RIO, Counters, Ethernet and most

Fieldbus type interfaces, we can build a system designed just for you.



Programmable Weight Indicators



Batching

Utilizing the on-screen graphics and soft key technology, the 788 is an excellent solution to batching and process control applications. Whether you require multiple ingredients and formulas, multiple scale inputs, or continuous product filling, the 788 is a process controller you can grow with. Cardinal can create

special reports and PC connectivity to provide you with a complete weighing solution.

Small font sizes combined with the 788's large 320 x 240 resolution display allow you to view lengthy summary reports directly onscreen.

SUMMARY REPORT			
4:00 PM 10-01-2003		FORMULA ID	
FORMULA ID	WEIGHT	ACCUMULATED	BATCHES
FORM1	125	56	
FORM10	13320	81	
FORM11	38501	468	
FORM12	8224	968	
FORM13	17410	586	
FORM14	16338	1	
FORM15	9140	3	
FORM16	14731	166	
FORM17	11580	4	
FORM18	891	9	
FORM19	53156	57	
FORM20	18177	66	
FORM3	48673	35	
FORM4	27003	1	
FORM5	51900	30	
FORM6	760719	1014	
TOTAL	760719		

EXIT

ID Applications



The 777/788 ID number storage software tracks products coming in and out of your facility and provides valuable weight data information. The ID information can be viewed on-screen or exported

ID REPORT				
2:36 PM 10-14-2003		STORED		
ID	TYPE	WEIGHT	NET WT	CNT
1234	P	68360	165440 LB	5

to other peripheral devices, such as a printer or PC network environment. Product and ID information can be easily entered or edited by the operator.

Material Handling, Food Processing, & Packaging



Ideal for material handling and inventory management applications, the 700 series can provide product identification codes and associated data to track weight and product data. With **custom labeling abilities**, the 777 and 788 are excellent weight-based

controllers for food processing applications. Price Look-Up software is available for the retail packaging of food products. The 700 Series can also send and receive product data from a PC to streamline your material processing operations. You can also connect multiple scales to one weight indicator for the monitoring of weight in production line applications, with custom prompts to guide the operator through the process.

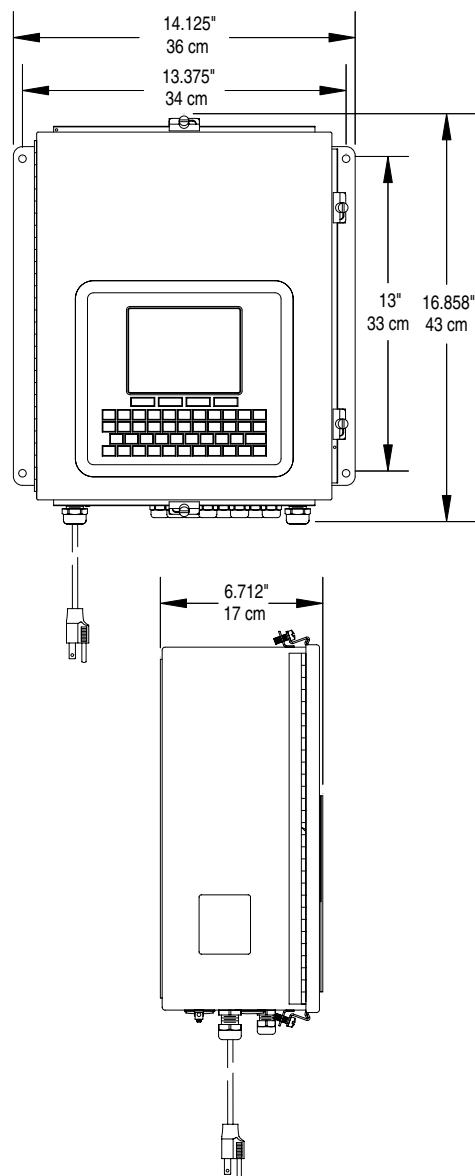
Unattended Weighing

When you require an effective solution for vehicle operators to enter their identification at the scale, the 777 or 788 is the solution. The unattended system includes an outdoor enclosure, self-prompting truck ID software, and a connection to your PC/network environment. Additional options to insure accurate data is entered can include a bar code or proximity badge reader. Built in printers can be provided for weight data tickets to be issued to the driver at the scale.

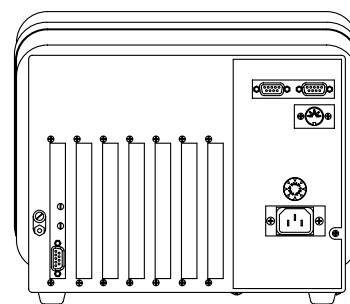
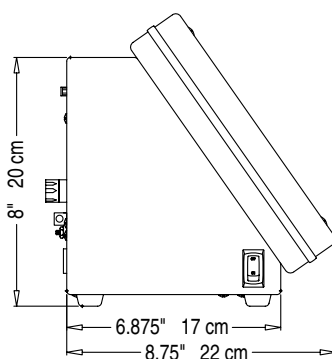
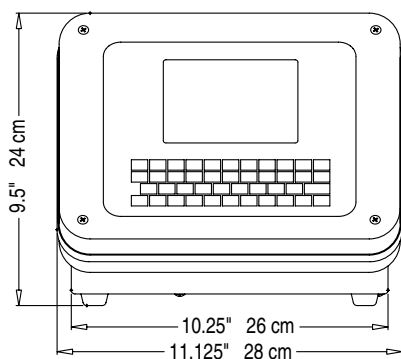


Model 777 and 788 Specifications

	777	788
Display	4-line, 80-character, dot matrix, backlit liquid crystal display	Large (4.6" W x 3.4" H / 117 mm W x 86 mm H - 320 x 240 pixel) backlit LCD graphic display
Enclosure	Epoxy painted mild steel with stainless steel front bezel	
Keyboard	43 key alphanumeric keyboard 101 PC keyboard interface	
	4 programmable soft keys 8 standard function keys	14 programmable soft keys
Internal Resolution	400,000 divisions	
Display Resolution	10,000 divisions (commercial) 100,000 divisions maximum (non-commercial)	
Units Conversion	Pounds and kilograms standard - programmable to any	
Character Height	.375" / 10 mm	Selectable character sizes from .25" to 1.2" (6 mm to 30 mm)
Division Value	1 to 9 x 10, 1, 0.1, 0.01, 0.001, 0.0001	
Load Cells	Up to 14 - 350 Ohm with sense	
Sample Rate	1 to 60 samples per second, selectable	
Auto Zero Range	0, 0.5, or 1 through 9 divisions	
Excitation	10.75 VDC	
Sensitivity	.5 μ V/d (1.5 μ V/d OIML R76)	
Power	90-260 VAC 50/60 Hz	
Temperature Range	+14° to +104° F / -10° to +40° C	
Weight	10.5 lb / 4.8 kg	
I/O	1 RS232 bidirectional and 1 RS232 / RS485 combination bidirectional	



Cardinal Scale reserves the right to improve, enhance or modify features and specifications without prior notice.



The model 777 and 788 indicators meet all requirements of Handbook 44, issued by the National Institute of Standards and Technology and have been issued the Certificate of Conformance number 97-077.



For models 777 and 788
R76/1992-DK-02.03



For model 777
Notice of Approval
AM-5204



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