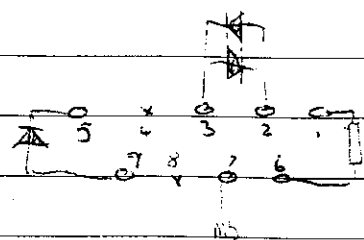
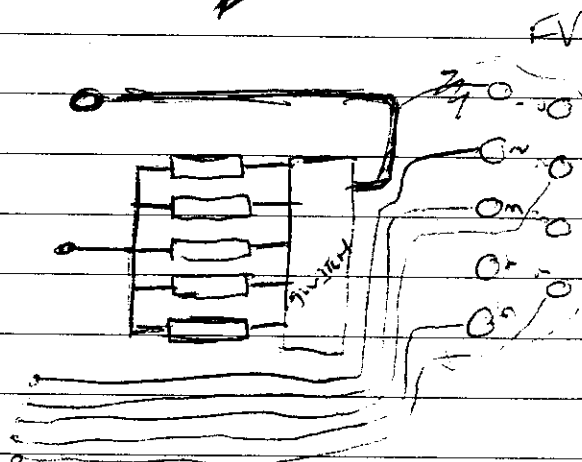
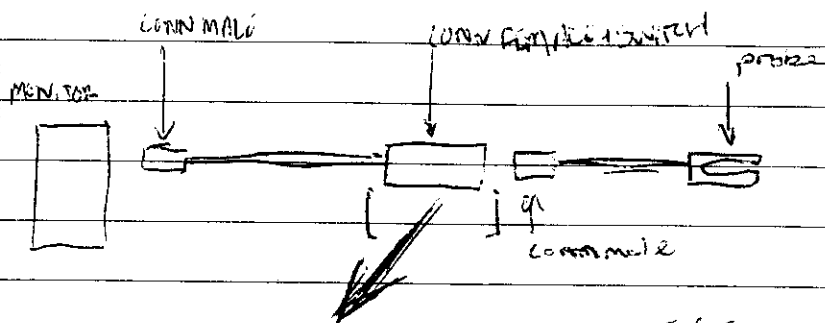


# MULTI RESISTOR TEST CABLE FOR NEUCORE PROBES.

RV, male

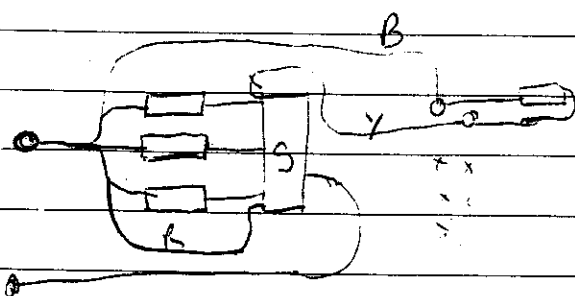


- |           |           |
|-----------|-----------|
| 1, BLUE   | 6, YELLOW |
| 2, ORANGE | 7, MS +15 |
| 3, RED    | 8, NC     |
| 4, NC     | 9, BLACK  |
| 5, WHITE  |           |



1+6 NC AS RESISTOR IS REPLACED WITH TEST RESISTOR

1 - 0  
2 - 0



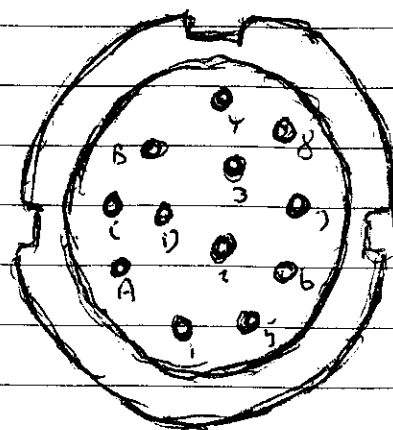
- |                  |
|------------------|
| 1 - 0            |
| 2 - probes on n. |
| 3 - 5K98         |
| 4 - 7K15         |
| 5 - 7K32         |
| 6 - 7K5          |
| 7 - 7K68         |
| 8 - 7K87         |
| 9 - 8K06         |
| 10 - 00          |

RV  
Female

- |        |         |       |       |
|--------|---------|-------|-------|
| Blue   | orange  | red   | white |
| 1      | 2       | 3     | 4     |
| yellow | shields | black |       |

MP ac repaired by ~~135~~ medical  
cables.

RV



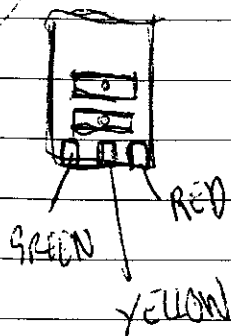
- |   |          |
|---|----------|
| A | 5        |
| B | 6 Yellow |
| C | 7 Red    |
| D | 8        |
| 1 | White    |
| 2 | C+Rt     |
| 3 | St+Rt    |
| 4 |          |

RI = 1.1 KΩ 1%

1100 12

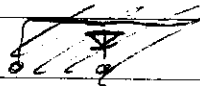
# LOHMEIER FINGER PROBE

LED FV

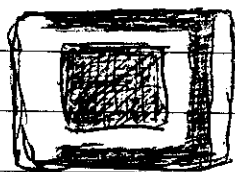


GREEN - common  
YELLOW - IR  
RED - RED

RED = 6547  
IR = 8668 / 870



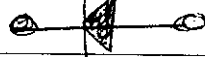
SENSOR FV



RV



Shield

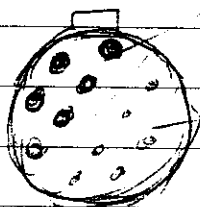


clear

Shield



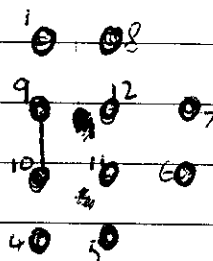
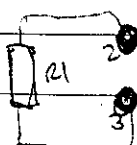
CONN. FV



FEMALE

MALE

RV



NO PIN 1, -

MALE 2, R1

MALE 3, R1

MALE 4, CLEAR

NO PIN 5, -

NO PIN 6, -

FEMALE 7, RED

FEMALE 8, YELLOW

MALE 9, LINK

MALE 10, LINK

FEMALE 11, IS + MS

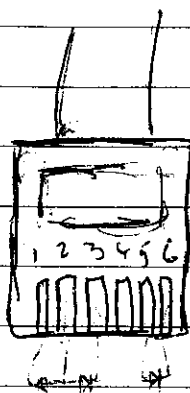
FEMALE 12, GREEN

R1 = 20000Ω 1%  
20KΩ

# SARA FELISITE PROBE

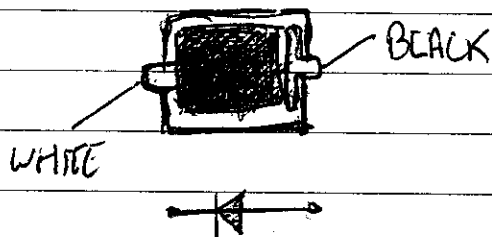
CSI?

CONNECTOR  
PINS UP



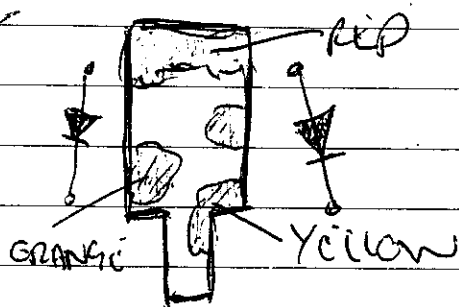
- 1, ORANGE (IR)
- 2, RED (COMMON)
- 3, YELLOW (RED)
- 4, SHIELD
- 5, BLACK
- 6, WHITE

PHOTODIODE



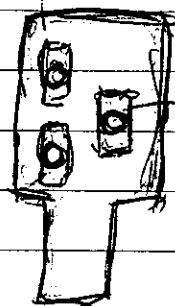
LED

RV



RV

RED EMITTER



RED  
EMITTER  
DAMAGED?

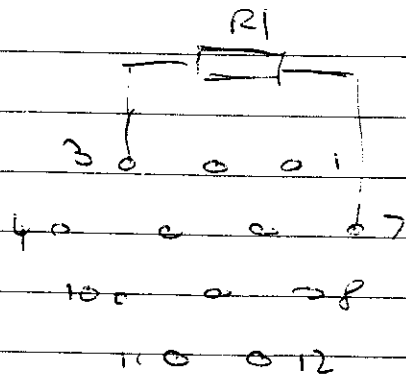
LED SPEC

RED 658.0 nm

IR 902.4 nm

# MCI P887RA SPACELABS (NOVAMATRIX)

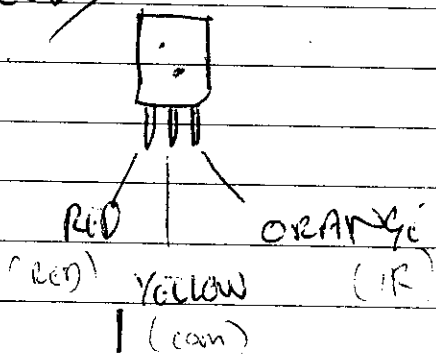
CONN RV



- 1 WHITE
- 2 BLACK
- 3 R1 + SHIELDS
- 4 -
- 5 -
- 6 -
- 7 R1
- 8 -
- 9 RED
- 10 ORANGE
- 11 -
- 12 YELLOW

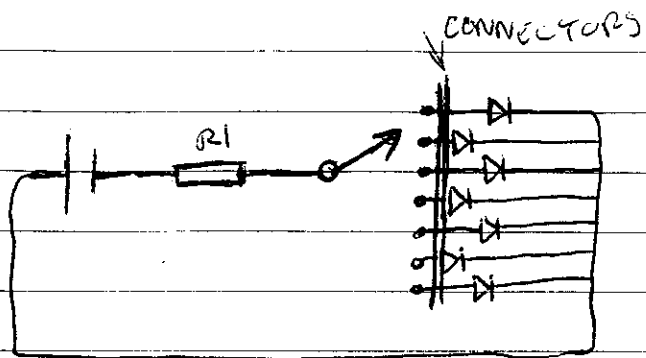
$R1 = 47K\Omega \ 5\%$

LED



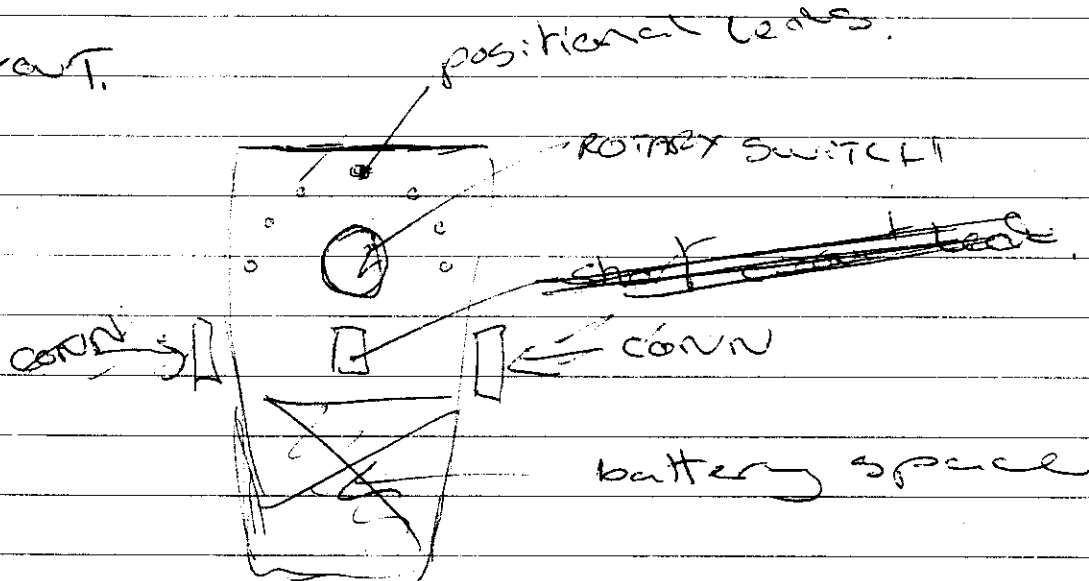
WHITE BLACK

# DOUBLE ENDED CABLE TESTER FOR SENSOR MEDICAL CABLES.

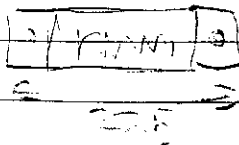
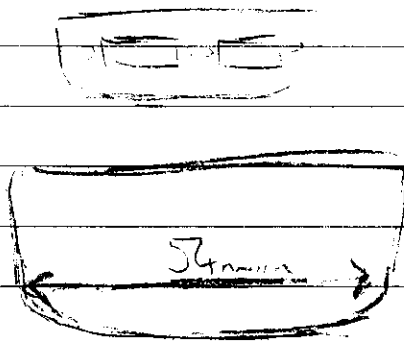


6.35

LAYOUT.



case  
 switch  
 leads  
 battery.



$$\times 2 = 55\text{mm}$$

A - Orange

B - Blue

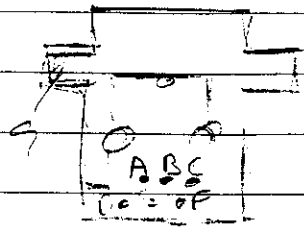
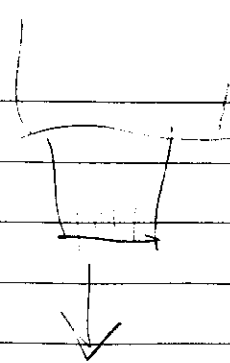
C - White

D - Yellow

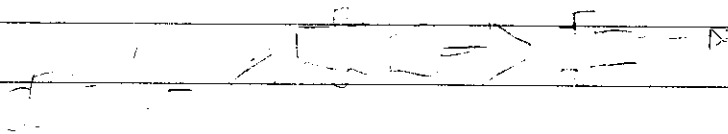
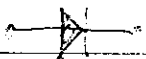
E - Red

F - Black

G - Green



Spring



1 - Yellow

2 - Black

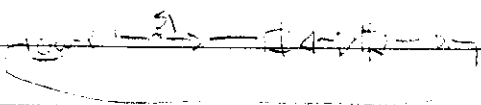
3 - Red

4 - Blue

5 - Green

6 - White

7 - Black

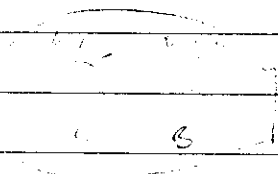


$$V = 1 -$$

$$\frac{V}{R} = 1$$

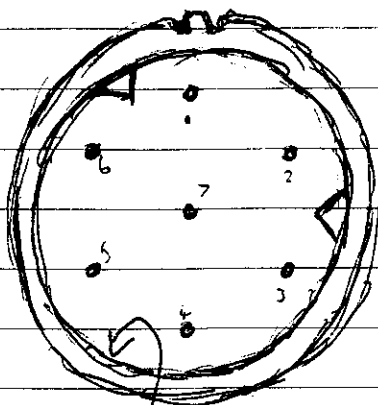
$$\frac{9}{300} = 0.03$$

$$7.2$$



# SIEMENS EXT. CABLE FOR NEUCOR PROBES

RV  
male

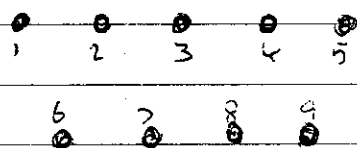


- 1, RED (IN BLUE)
- 2, GREEN (IN BLUE)
- 3, IS (IN BLUE)
- 4, PURPLE
- 5, WHITE
- 6, RED
- 7, -

INNER METAL RING - MS

NB. PINS INSERT PUSHED FORWARD OUT OF THE BARREL

RV  
FEMALE



- 1, PURPLE
- 2, RED
- 3, WHITE
- 4, -
- 5, GREEN (IN BLUE)
- 6, IS
- 7, MS
- 8, -
- 9, RED (IN BLUE)

MCI WIRE

ROUND CABLE

9pin DB

1, BLACK

2, WHITE

3, IS

4, BLUE

5, RED

6, ORANGE

7, -

1, BLUE

2, ORANGE

3, RED

4, -

5, WHITE

6, IS

7, MS

8, -

9, BLACK

## PROBUS WITH CODING RESISTORS

856 Neucon

857 SPACELABS

858 Neucon

860 SIMED

863 DATASCOPE ? -

864 DATASCOPE ? -

865 SENSOR MEDICS ? -

866 SIMED

867 OHMEDA

~~871 In Vivo~~

872 DATEX ?

873 DATEX ?

878 INVIVO ? -

886 KONTRON ? -

887 SPACELABS

888 SAW

890 Critikon ?

891 Critikon ?

Pokes with resistors in circuit.

871 Novin

864 Datascope

No resistor

859 Pace tech

877 Critikon

861 BCI

889 CSI

862 CSI

869 CSI

875 Novametric

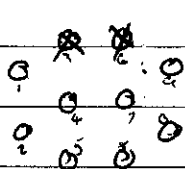
876 "

# FIRST LOOK AT DISPOSABLE NEUCOR CABLES.

The red and orange L/D wires have swapped places when compared to the P856 cable. The wiring including the shields is correct to the Neucor original. ~~7.5K $\Omega$  when measured~~  
The resistor is 7.5K $\Omega$  when measured with a multimeter.

Athena ext. cable for ox'hip.

EV



✓ 1 - 7

✓ 2 - 5

✓ 3 - NC

✓ 4 - B3 light is in small black connector

✓ 5 - B 8

✓ 6 - NC

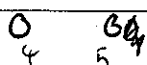
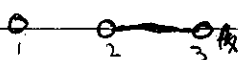
✓ 7 - 6?

✓ ~~WXT~~ 8 - 6 Y 6

✓ 9 - Sh / W

✓ 0 - Bk 1

FV



1, Bk - (sen)

2, R - Cam

3, R - Cam

4, Sh - Sh (sen)

5, R - RES

6, Y - RES

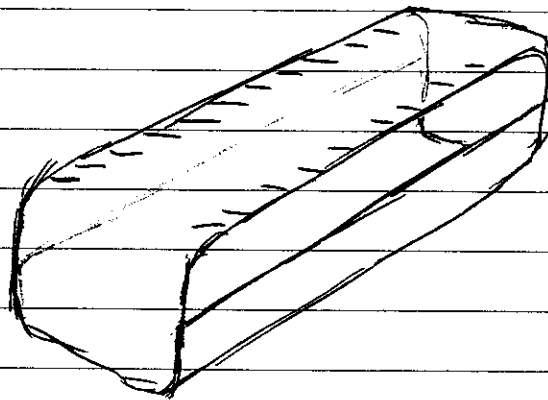
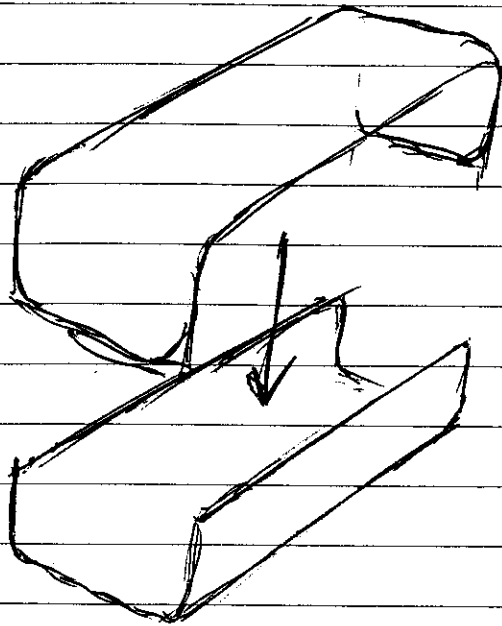
7, O - R

8, Bk - RES

R X Y Bk

9 O Bk S

# DRAWINGS FOR PRODUCTION STAND PERSPEX



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## COMPONENT HOLDER FOR SOLDERING

