







OTOR SPEED (RPM)



TACHO GEN



D.C. SPEED  
No. 1



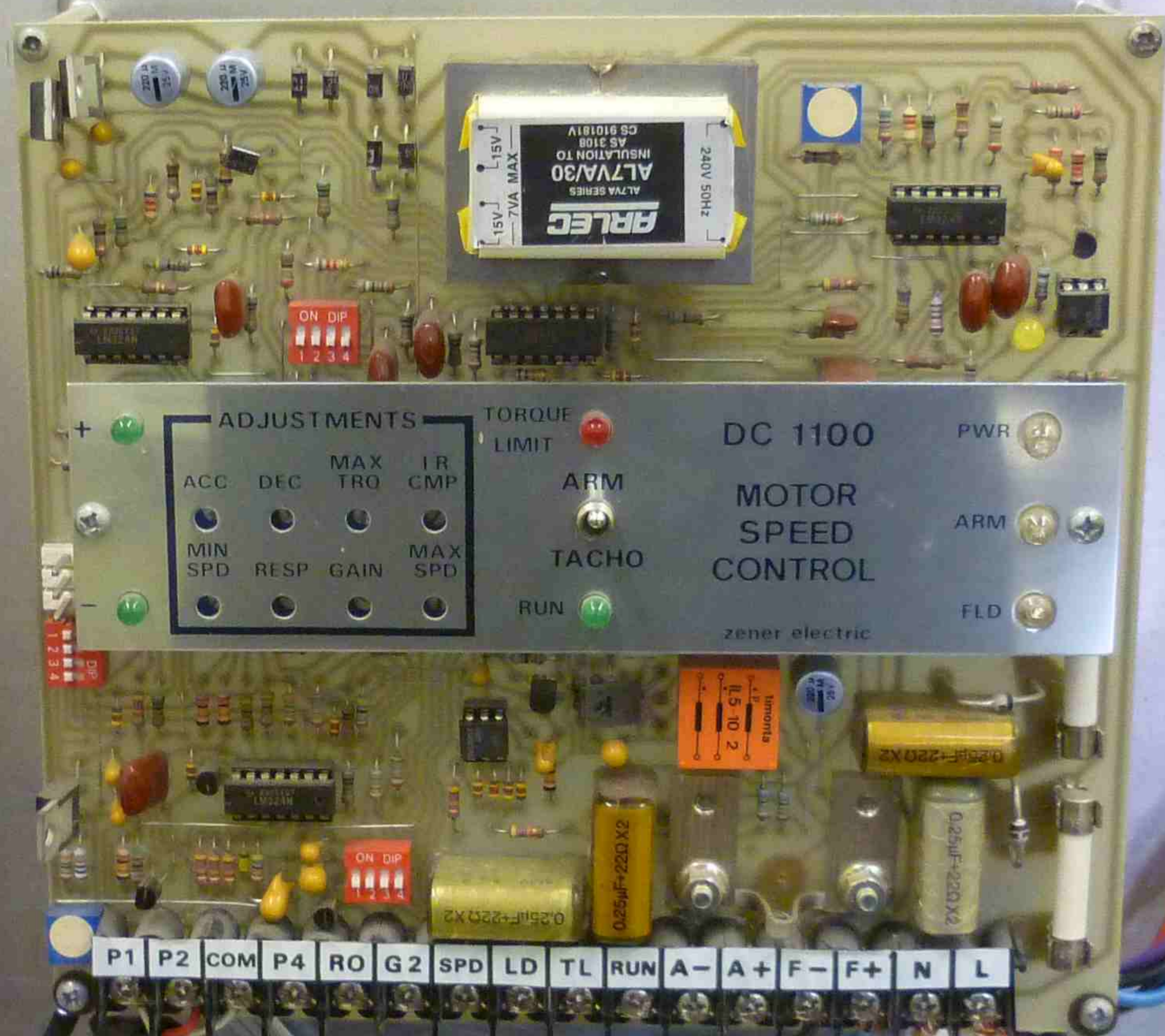
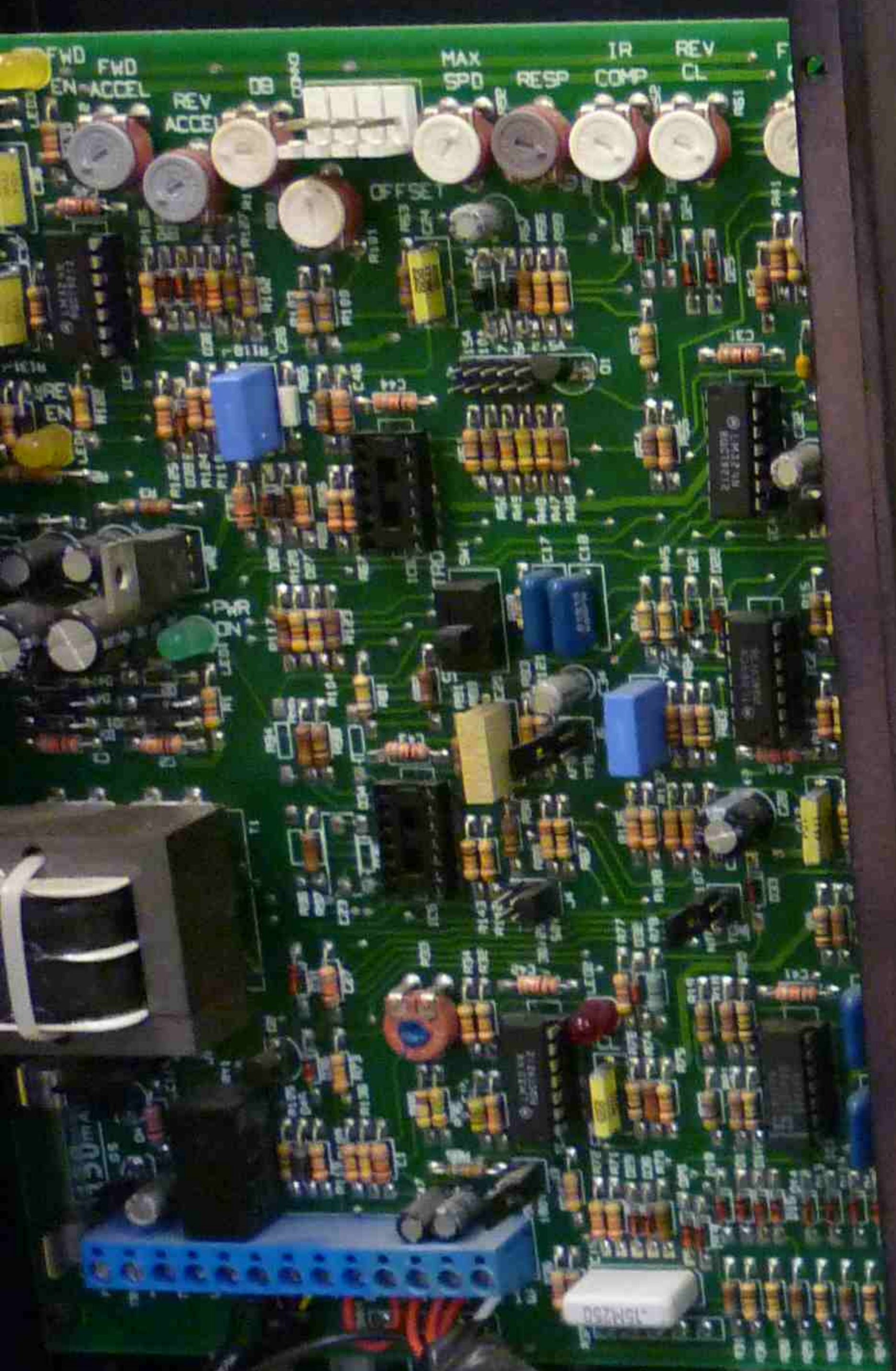
D.C. SPEED  
No. 2



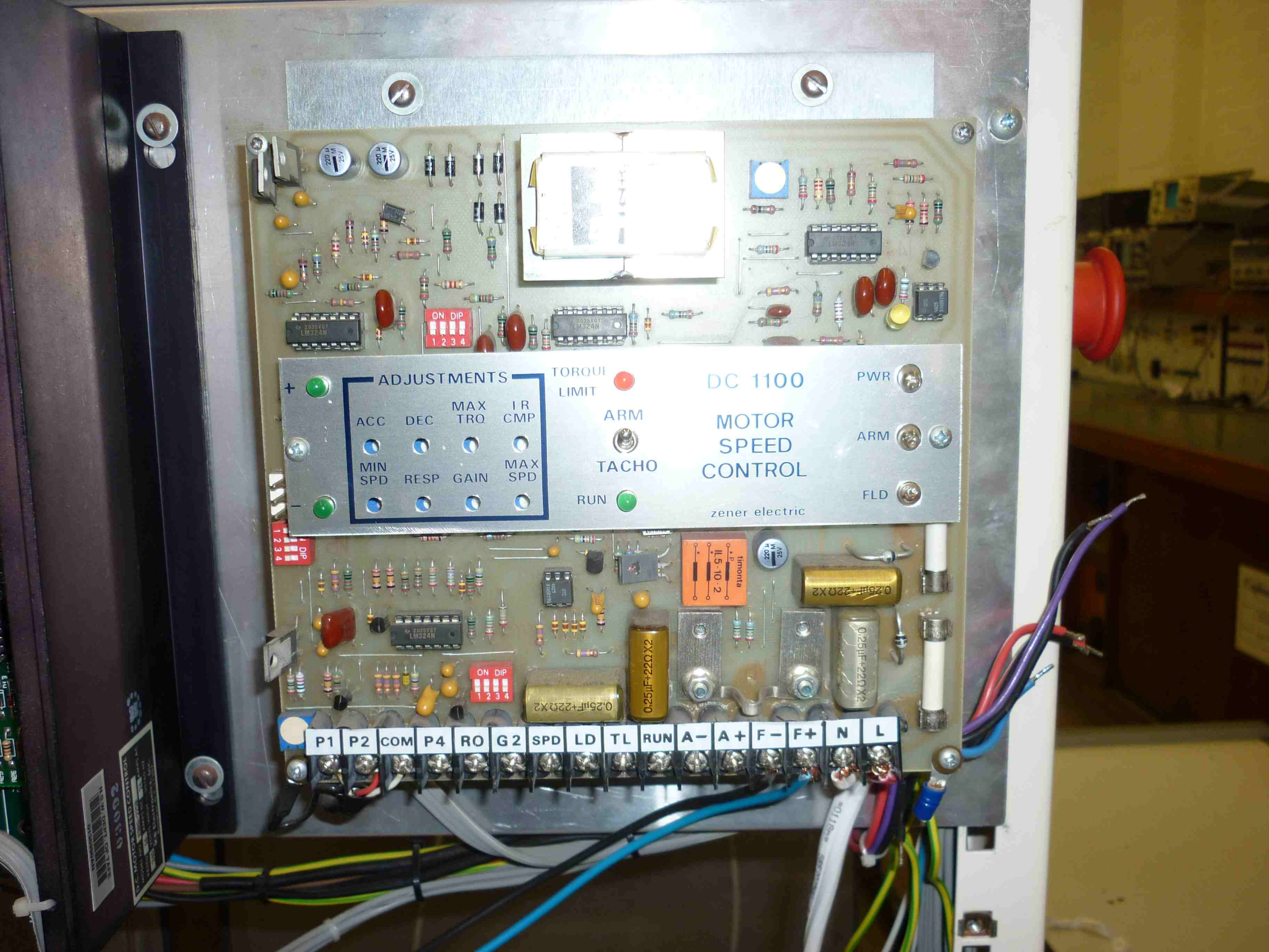
D.C. SPEED  
No. 3



A.C. SPEED  
No. 1



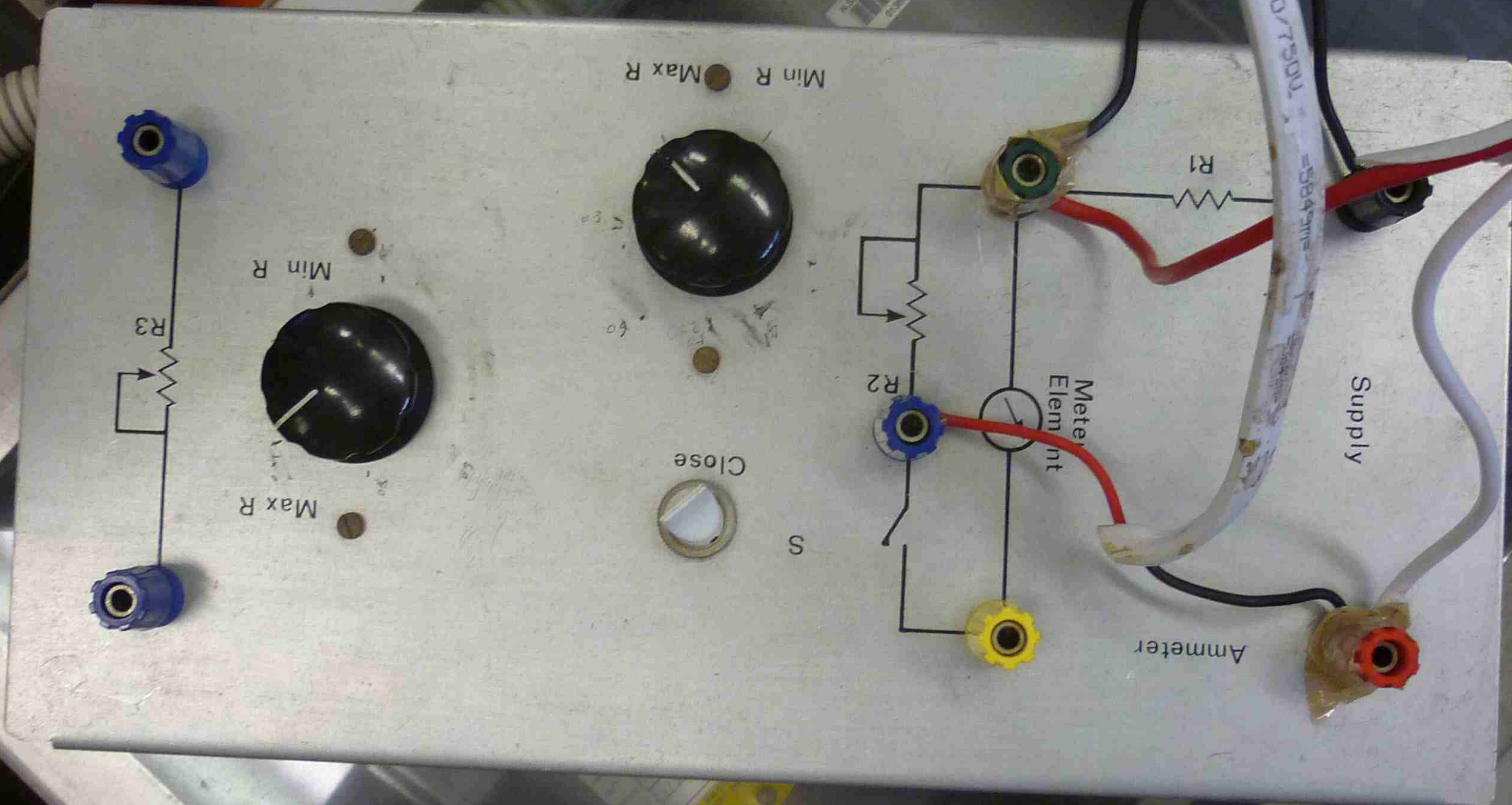














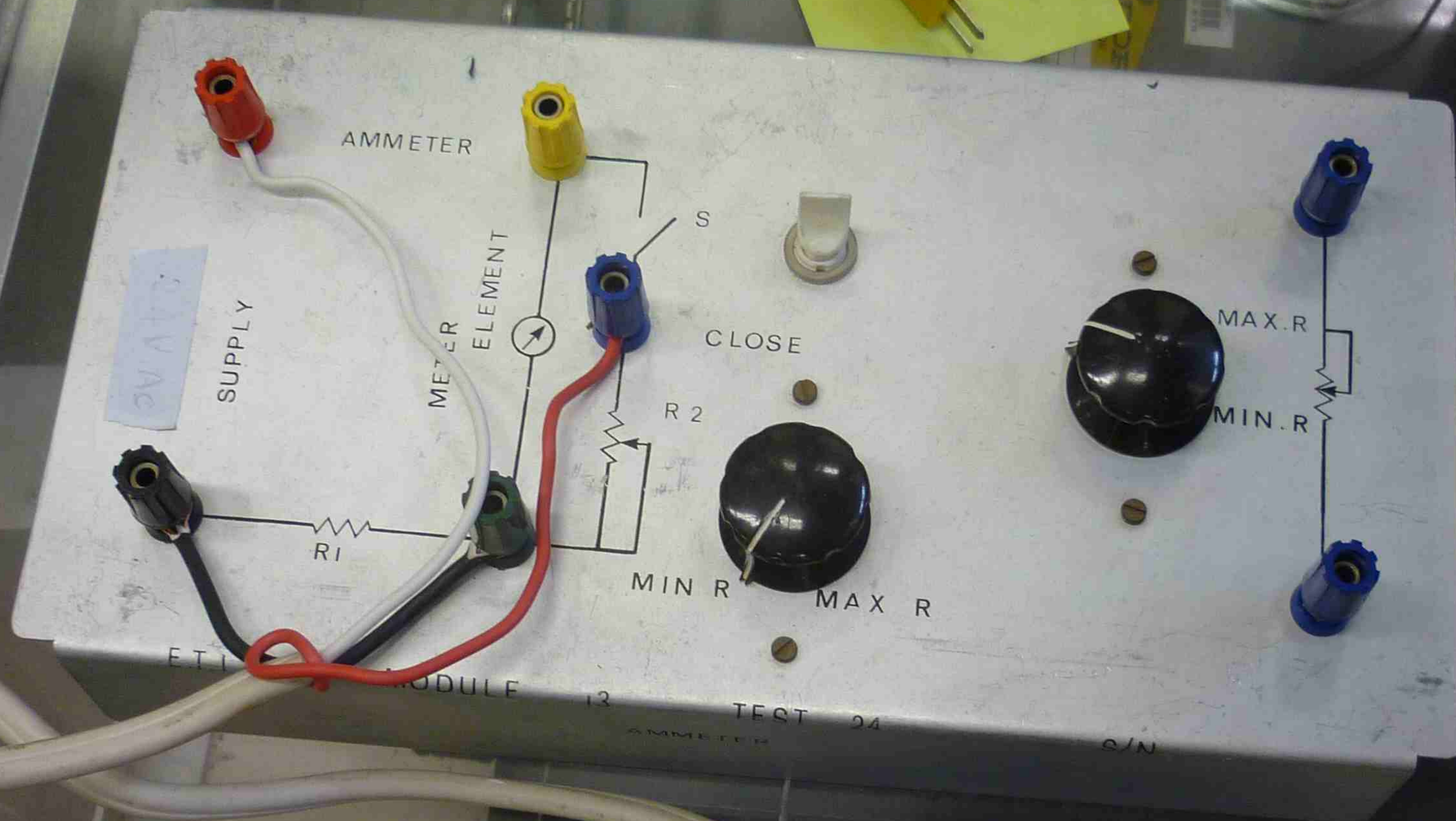
M.C.C. No.3

TACH5

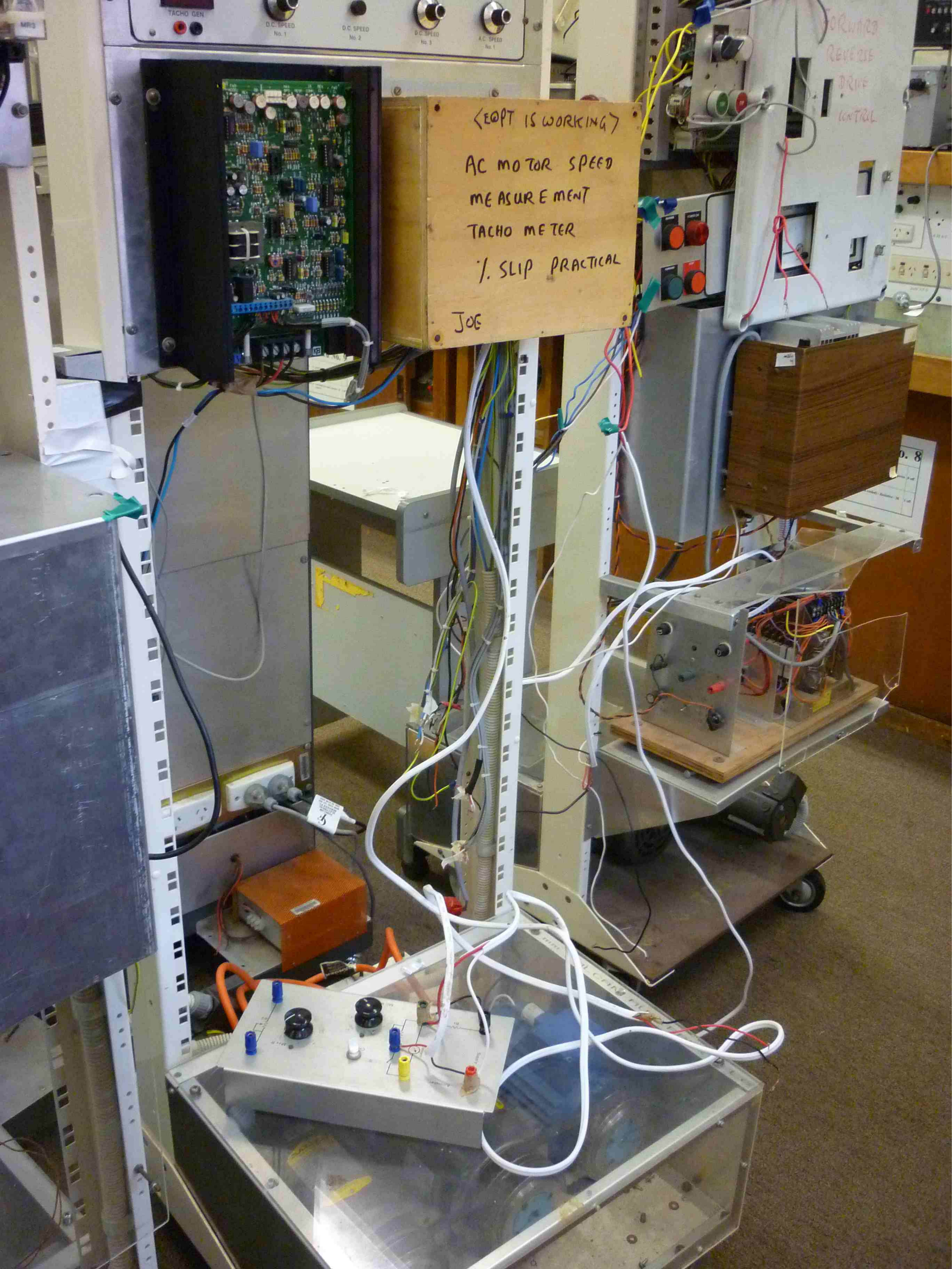












<EOP IS WORKING>

AC MOTOR SPEED

MEASUREMENT

TACHOMETER

% SLIP PRACTICAL

JOE

FORWARD  
REVERSE  
DRIVE  
CONTROL

0.8



<EOP T IS WORKING>

AC MOTOR SPEED

MEASUREMENT

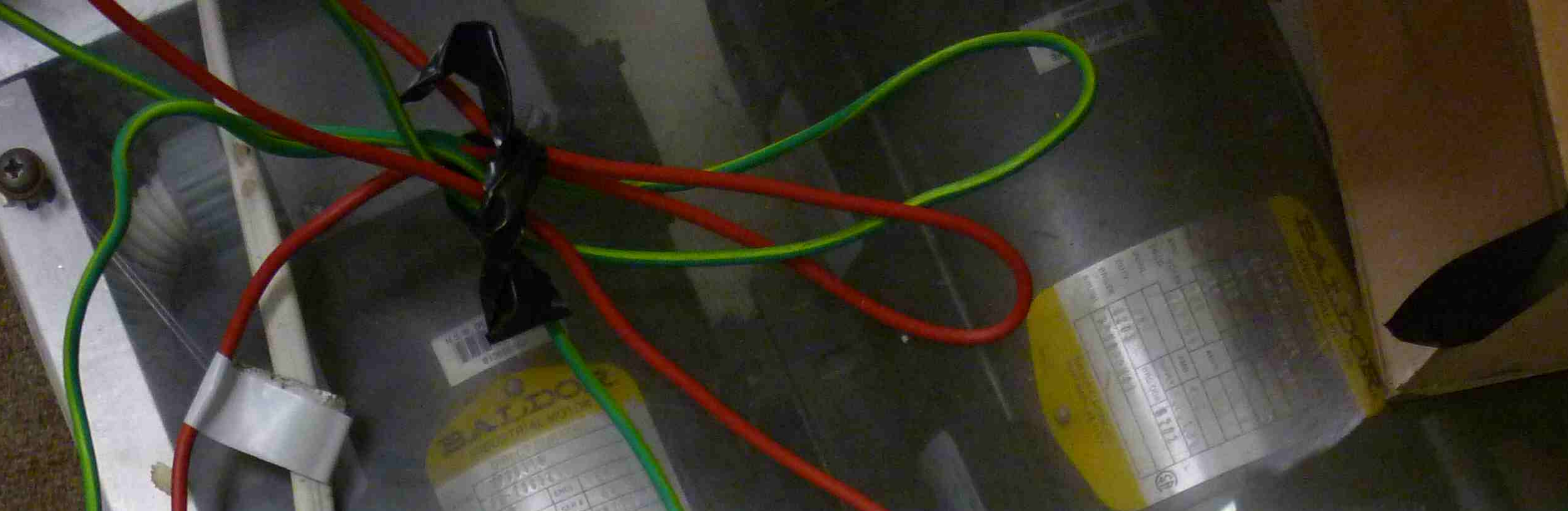
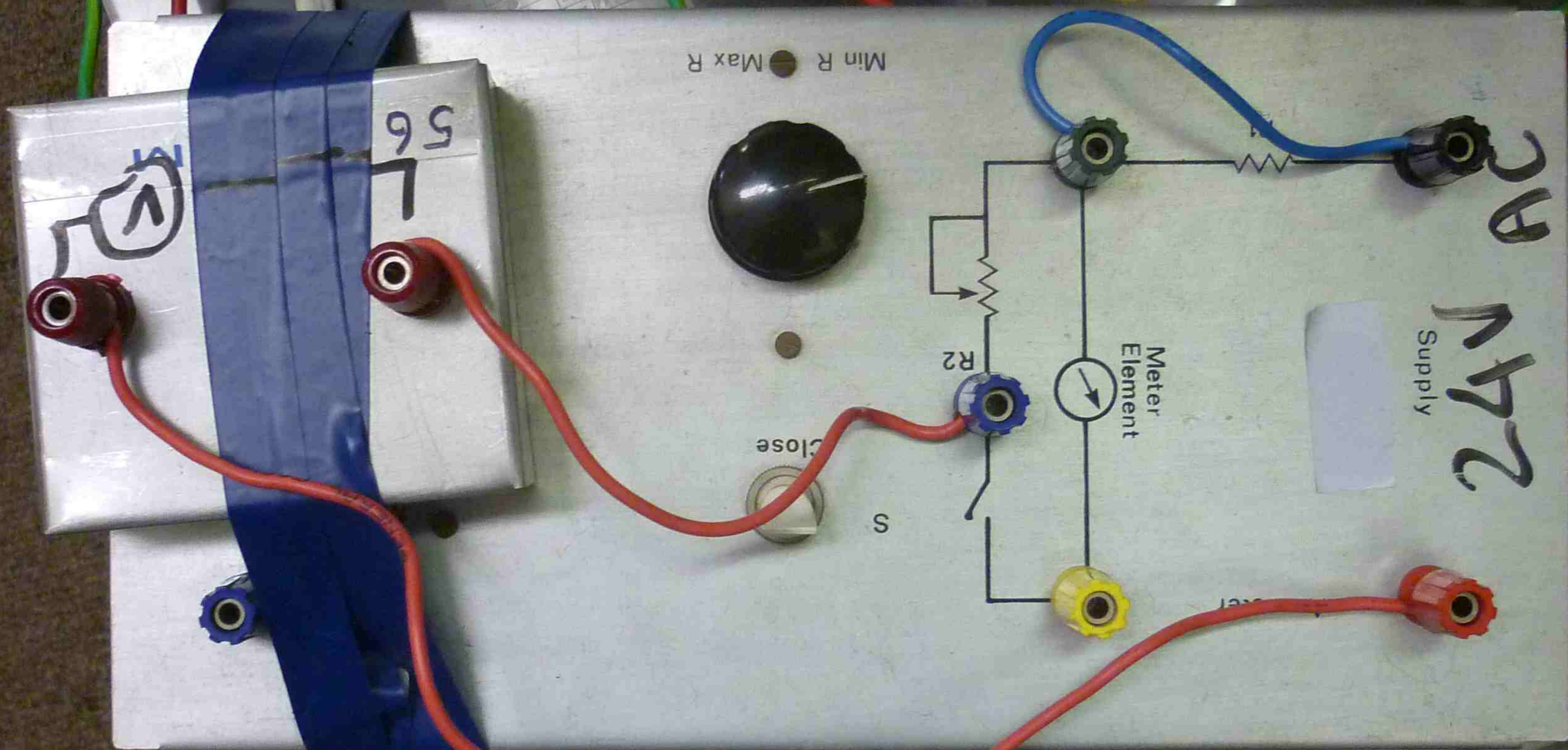
TACHOMETER

% SLIP PRACTICAL

JOE









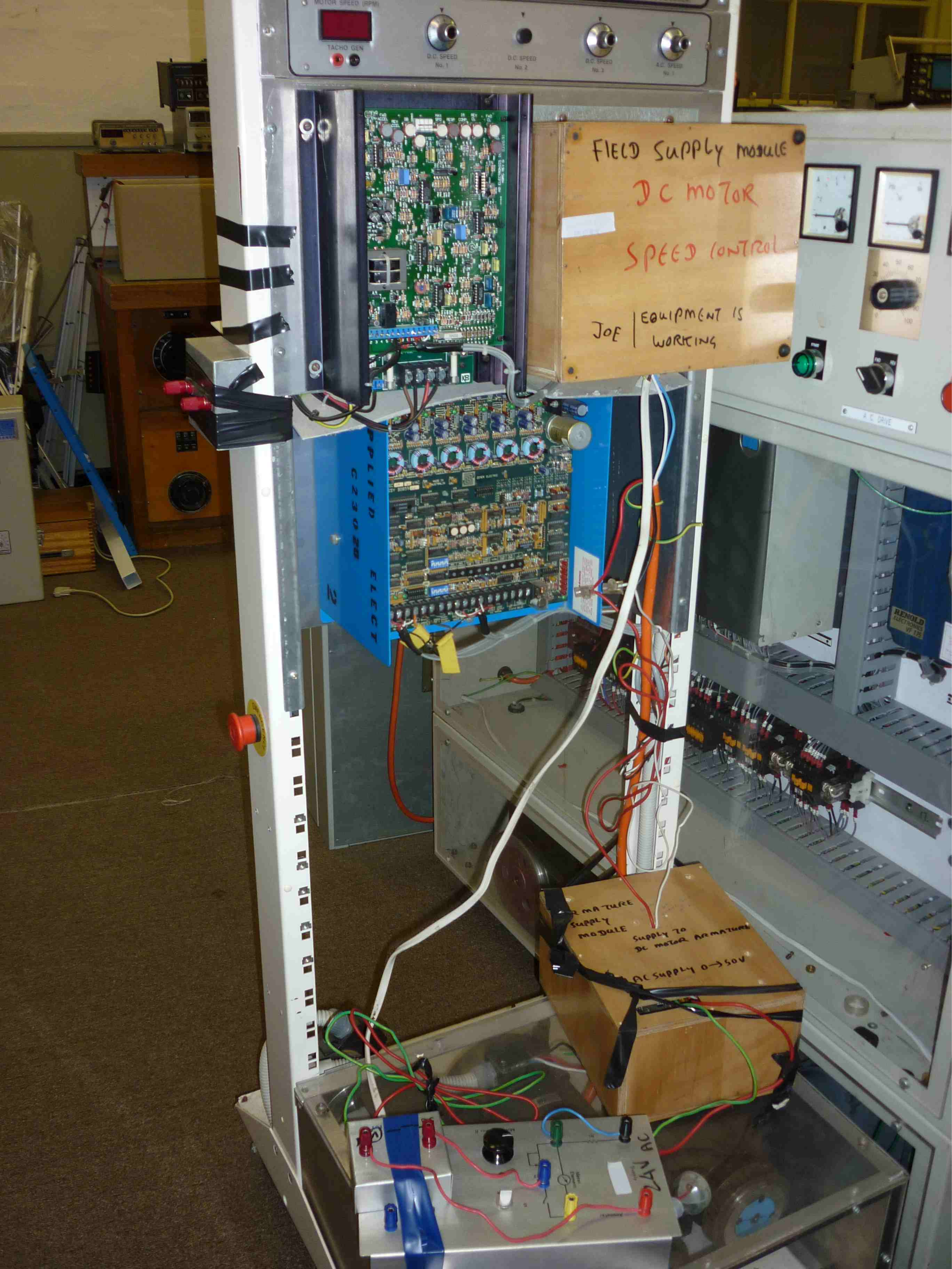
ARMATURE  
SUPPLY  
MODULE

SUPPLY TO  
DC MOTOR ARMATURE

AC SUPPLY 0 → 50V

AC SUPPLY  
0 → 50V

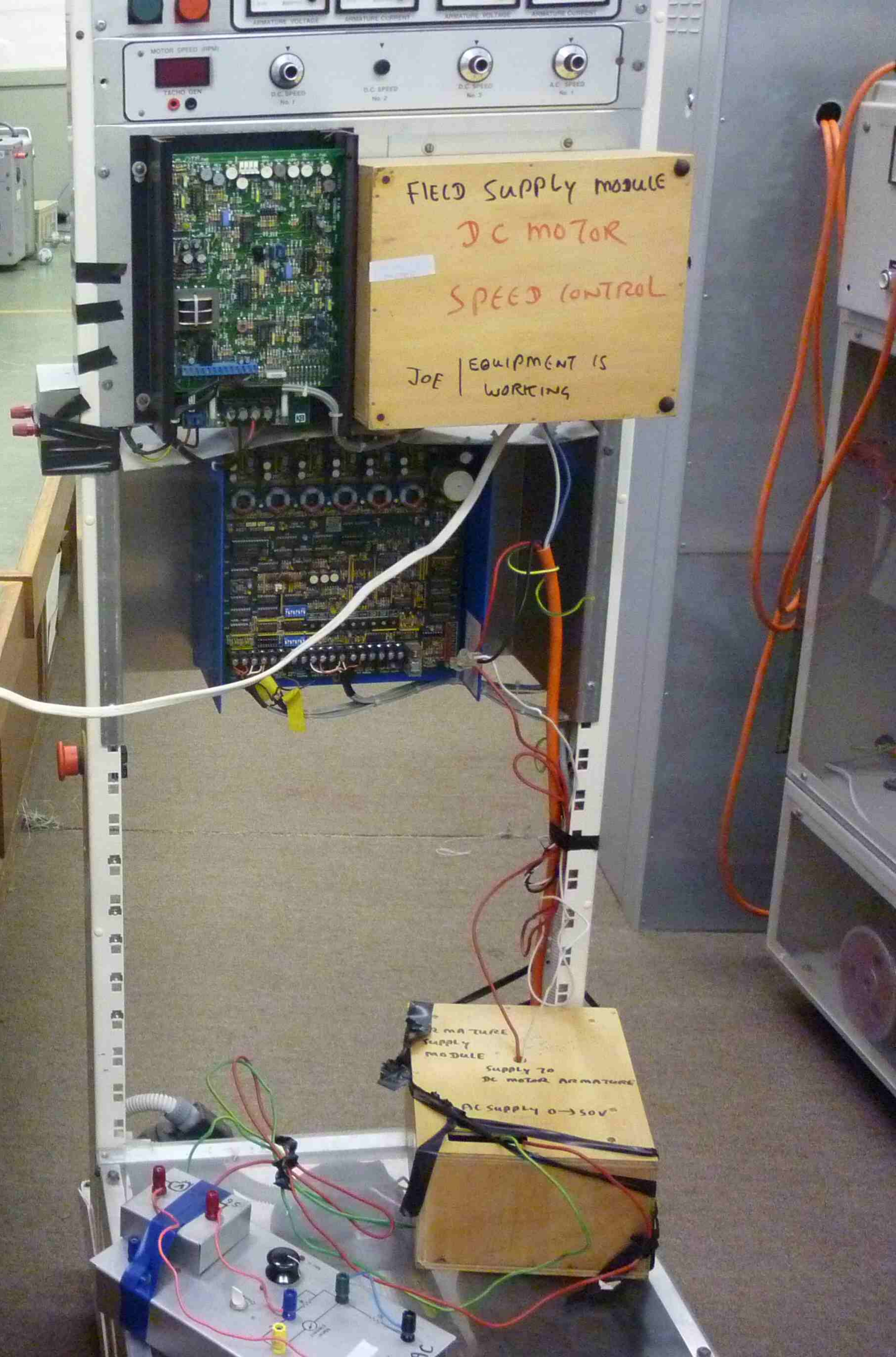






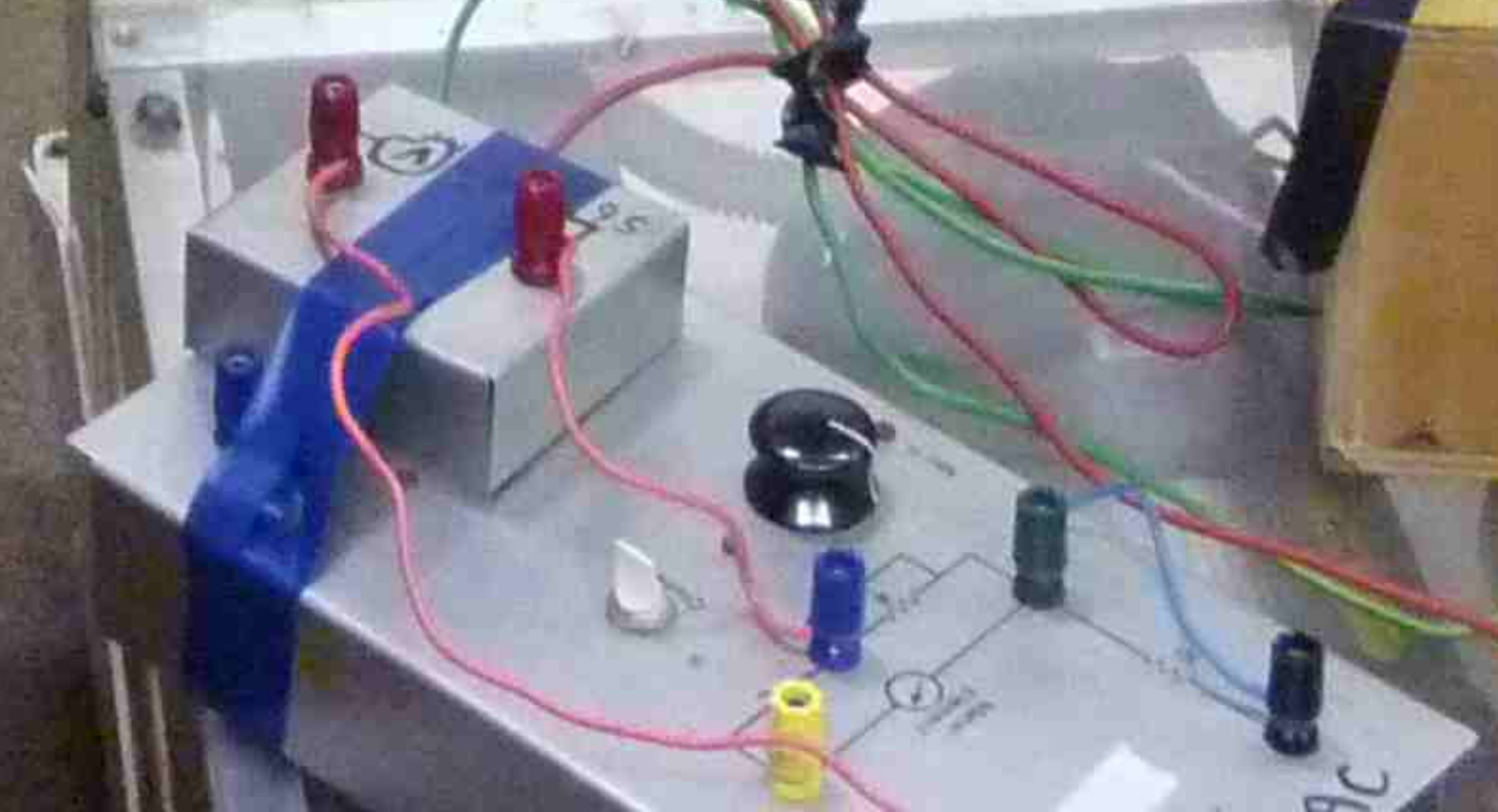




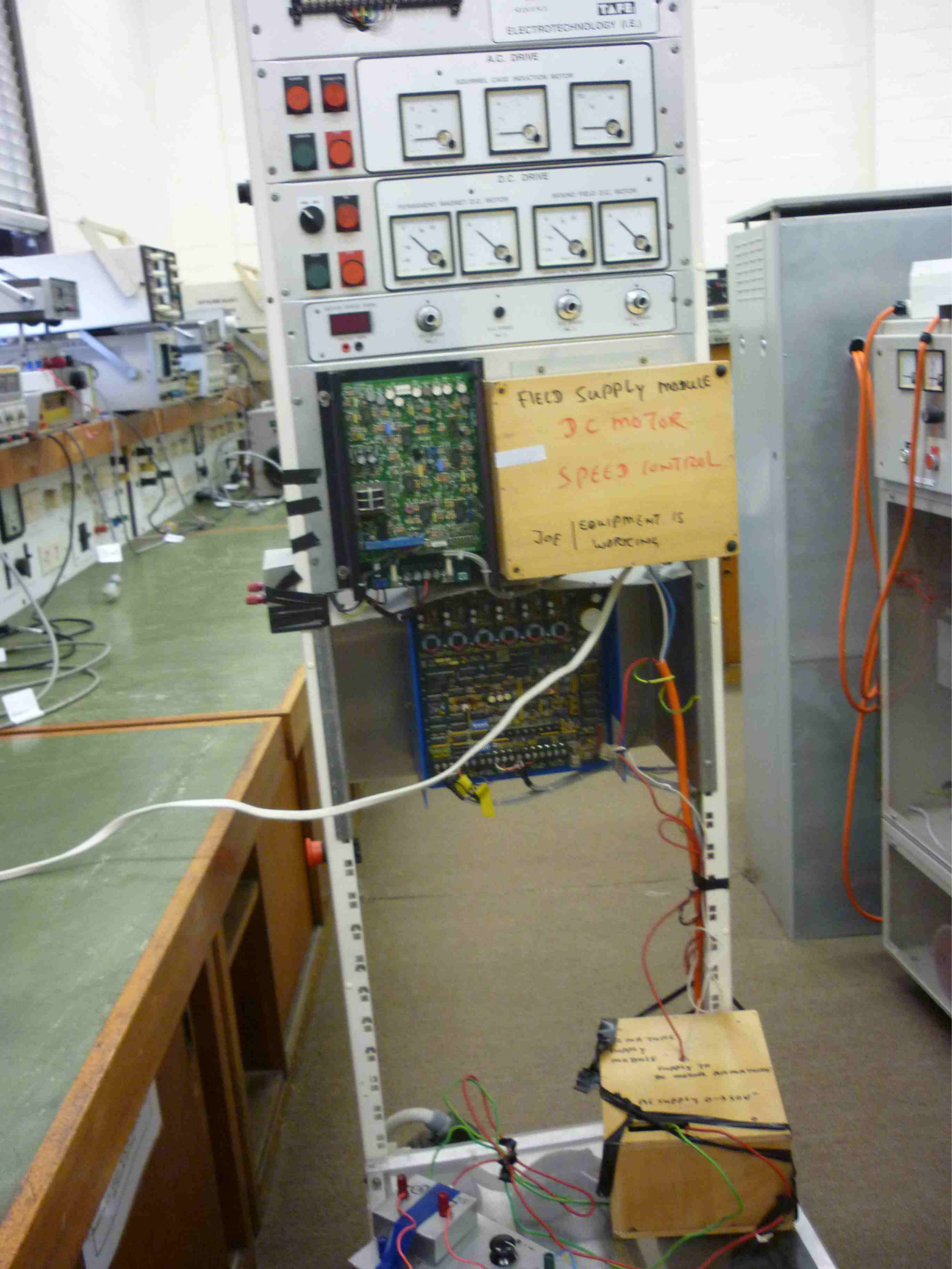


FIELD SUPPLY module  
DC MOTOR  
SPEED CONTROL  
JOE | EQUIPMENT IS WORKING

ARMATURE  
SUPPLY  
MODULE  
Supply to  
DC MOTOR ARMATURE  
AC SUPPLY 0-50V







STUDENTS  
ELECTROTECHNOLOGY (I.E.)

A.C. DRIVE

SCHEMEL DASH INDUCTION MOTOR



D.C. DRIVE

PERMANENT MAGNET D.C. MOTOR      WOUND FIELD D.C. MOTOR



FIELD SUPPLY MODULE  
D.C. MOTOR  
SPEED CONTROL

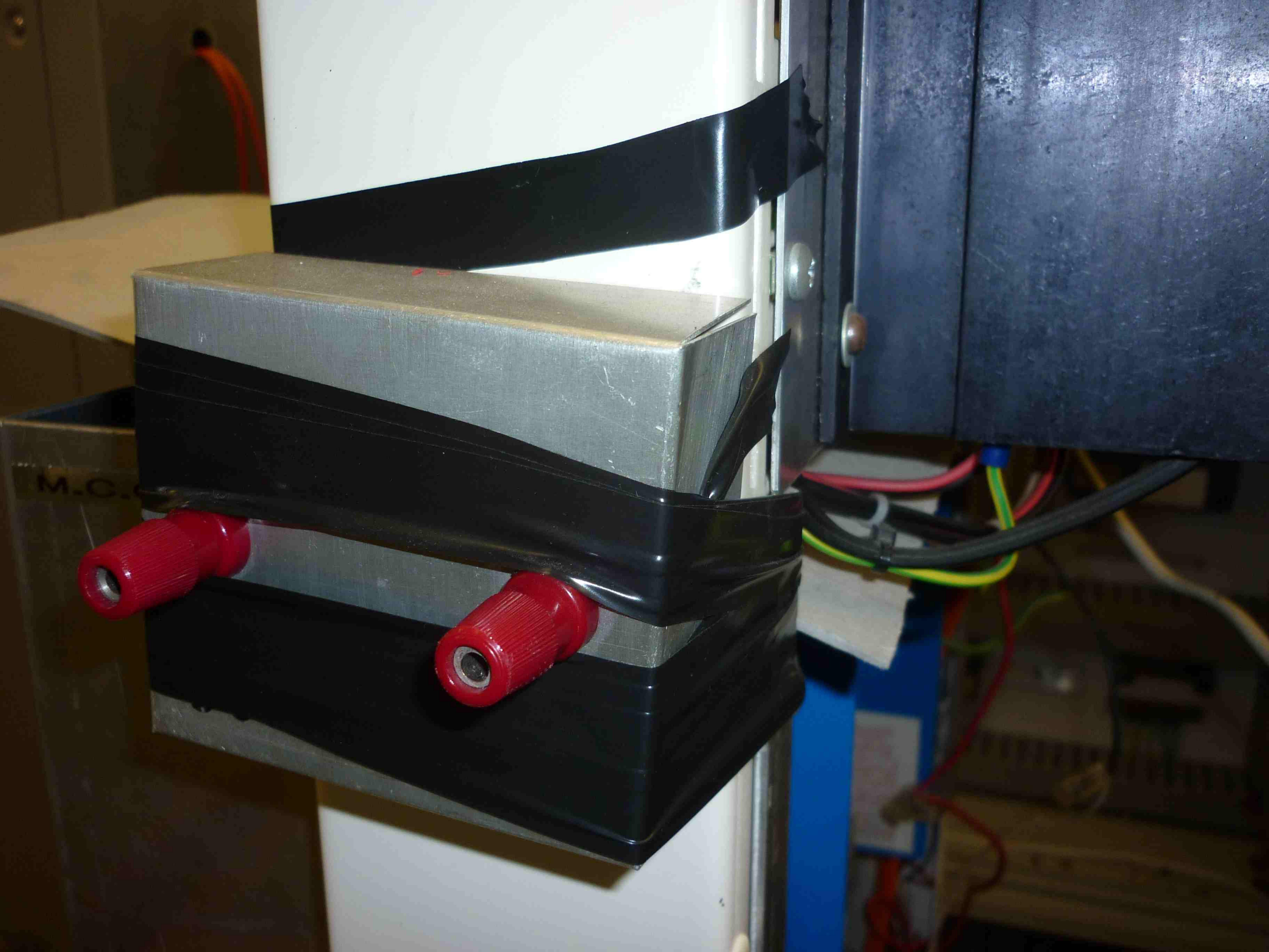
JOE | EQUIPMENT IS WORKING

POWER SUPPLY 0-30V  
Supply to  
the motor  
at 100mA



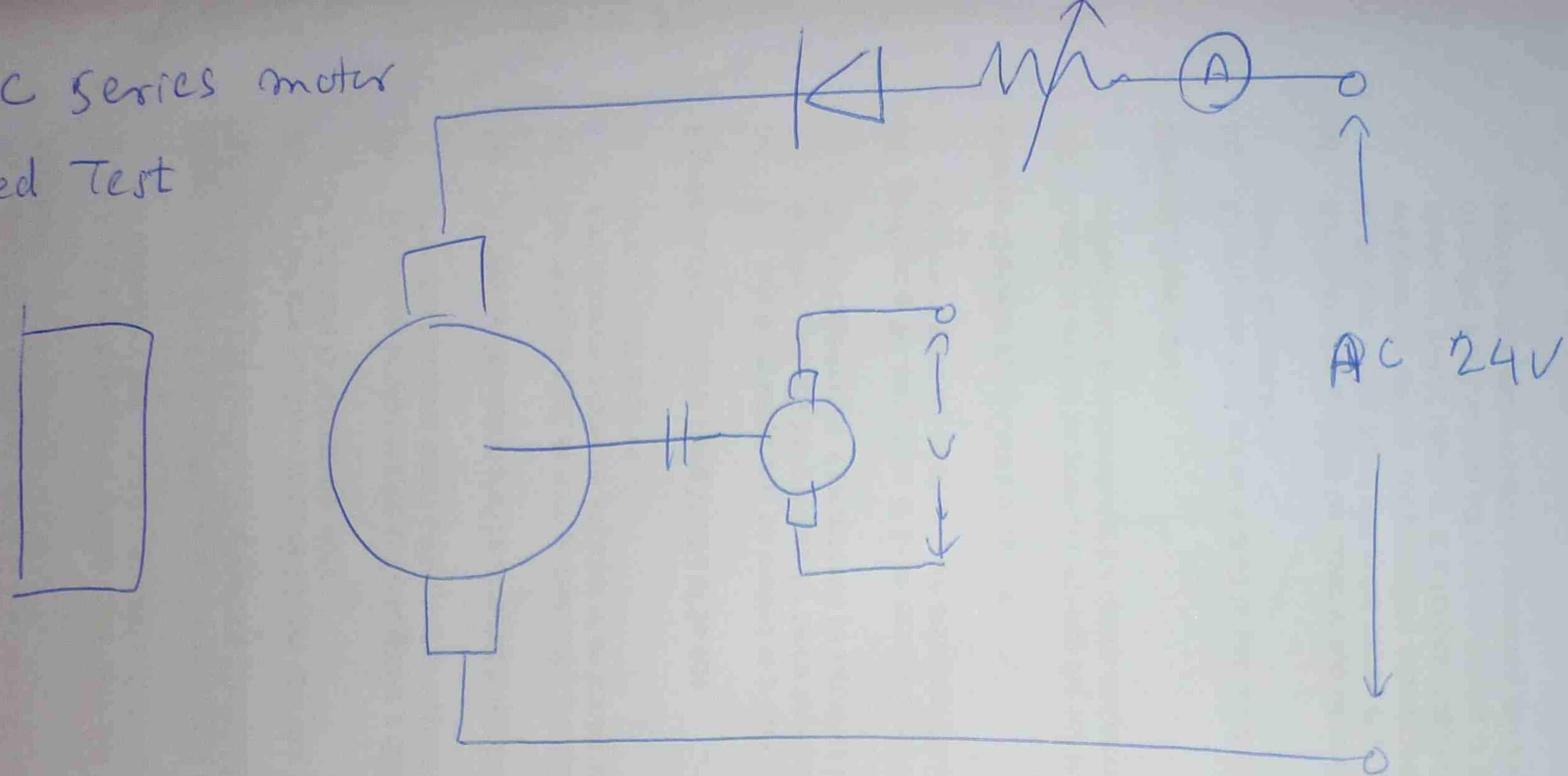








DC series motor  
Speed Test

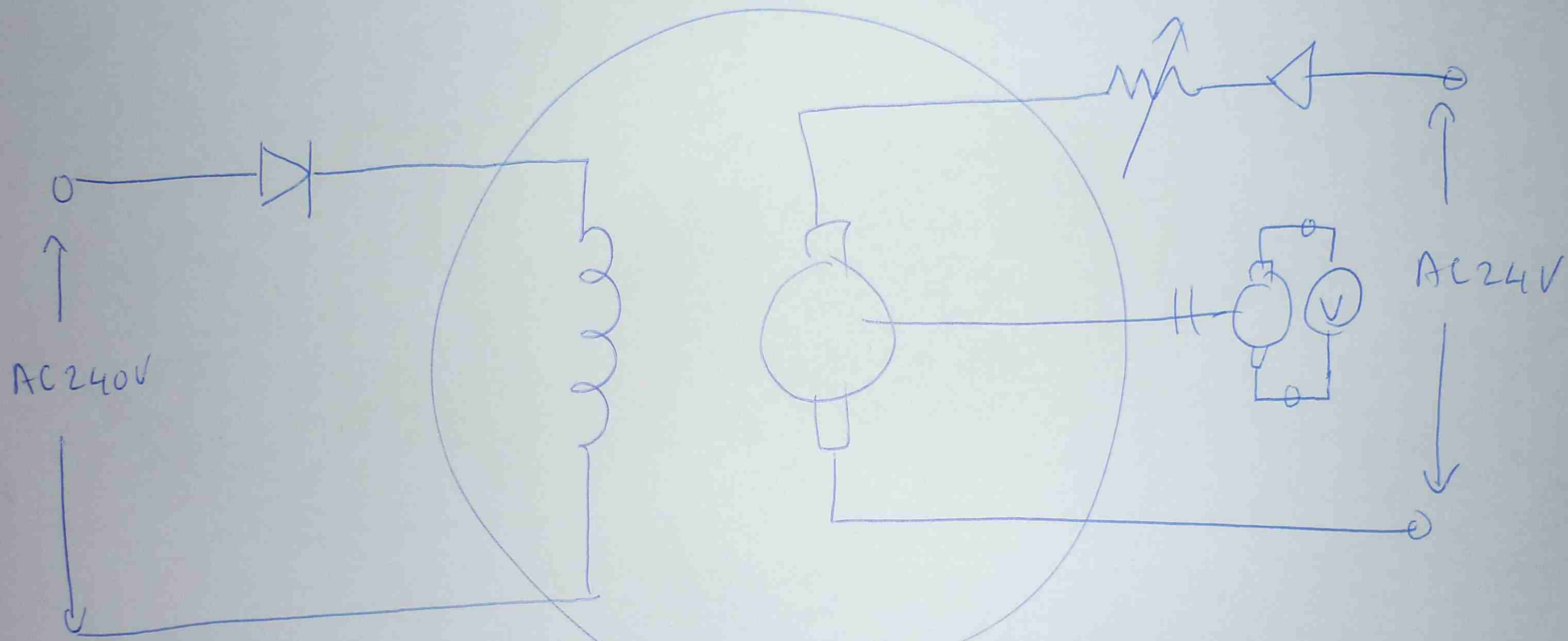


Connect the given circuit

DC supply current	Tachometer voltage	RPM



# DC separately excited motor



DC supply voltage	Armature meter voltage	RPM