

Traction and energy tests

The aim of these tests is to verify the traction and power supply parameters of rolling stock, measurement of acceleration and running resistance

Test portfolio:

- › Measurement of traction power and power supply parameters according to TSI LOC&PAS, ČSN EN 61133, ČSN EN 50388
- › Measurement of traction/braking characteristics quasi-dynamic acceleration and deceleration method
- › Longitudinal acceleration measurement
- › Measurement of force on the hook, power and electrical quantities
- › Anti-skid measurements
- › Verification of vehicle operation within the supply voltage range
- › Power factor measurement
- › Current limitation verification

Technical equipment:

- › Dewetron based modular measurement technology
- › Up to 32 channels can be measured simultaneously
- › It is possible to read CAN busbars



REFERENCES:

- › Stadler | Electric units
- › PESA | diesel and electric unit
- › NEWAG | electric locomotives
- › CRRC | electric units
- › Siemens | Vectron locomotive
- › Alstom | M7 unit
- › LDZ Ritoša sastáva serviss | 2M62UM diesel locomotive
- › CZ Loko | diesel locomotives
- › ŽOS Vrútky | motor units



VÝZKUMNÝ
ÚSTAV
ŽELEZNIČNÍ, a. s.



Výzkumný Ústav Železniční, a.s.
Novodvorská 1698/138b, 142 00 Praha 4
sales@cdvuz.cz
www.cdvuz.cz