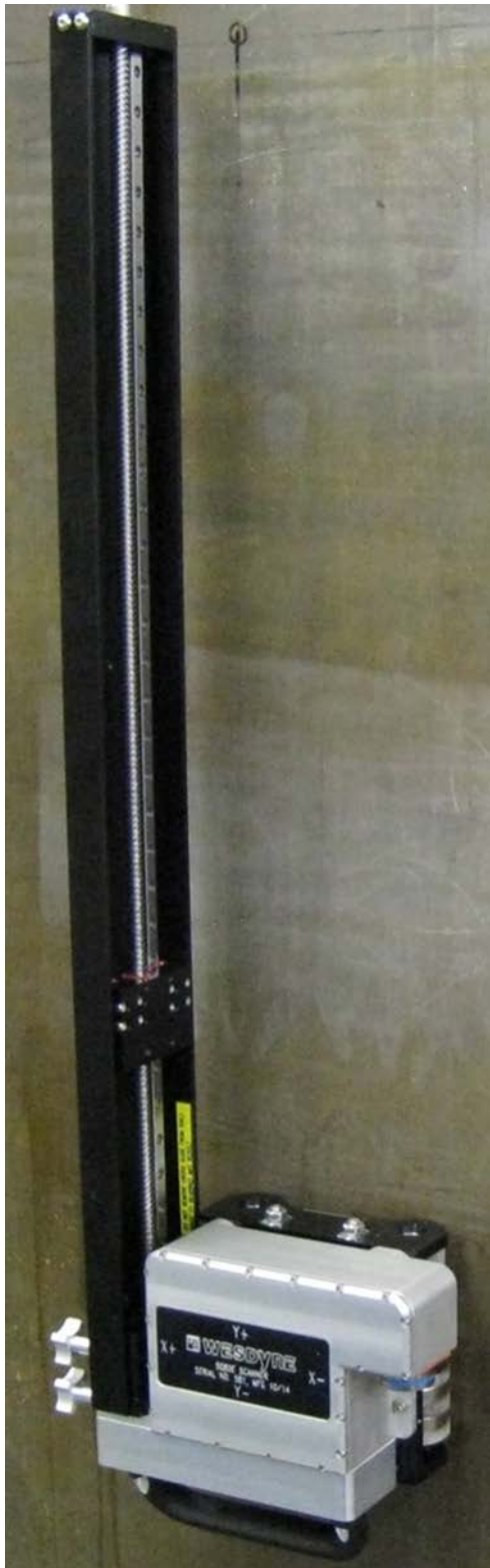


# Model 5080e HT Automated Scanner for High Temperature Applications



## Physical Characteristics

- Scanner height: 4.5 inches (excluding thruster)
  - Scanner width: 10.38 inches
  - Scanner length: 5.75 inches\*
  - Scanner weight: 11 lbs.\*
  - Min. pipe diameter: 6.625 inches
- \* Without Y-arm.

## X Axis

- Max. scan speed: 10 inch/sec
- Encoder resolution: 1310 pulses/inch
- Positional accuracy: + 0.100 inch per 3 feet
- Min. scan increment: 0.008 inches
- Payload capacity: 30 lbs. vertical, 15 lbs. on 6" pipe
- Drive description: Servo motor, belt drive gear head, gear drive, magnetic roller

## Y Axis

- Max. scan speed: **30 inches/sec**
- Encoder resolution: 12,444 counts/inch
- Positional accuracy: + 0.020 inch per 10 in.
- Min. scan increment: 0.001 inch
- Payload capacity: 8 lbs.
- Drive description: Servo motor, timing belt, lead screw, travel block
- Available arm lengths: 4 to 28 inches

## Operating Range

- Continuous Duty: temperatures range -25°C to 225°C (437°F)
- Duty Cycle: temperatures from 225°C (437°F) to 315°C (600°F)

Scanner has been approved for compliance and use in Europe (CE mark)

Minimum required equipment to operate a Model 5080e Scanner - IntraSpect™ imaging system with IMC scan control subsystem, 2-axis joystick, and umbilical cable

Can also be used with IntraSpect™ motion software, IMC scan controller and interface to other data acquisition systems