

## Introducing zCat!

**The world's first truly portable DCC Coordinate Measuring Machine!**

### System Components

#### **zCat — 54-950-001**

- zCat CMM — 4 Axes
- ControlCAT metrology software
- Renishaw TP20 probe
- Battery
- WiFi communication
- I++ Software interface
- Tablet CopyCAT/Excel export software (Beta version)
- Training part and calibration sphere
- Quick start guide
- Reusable shipping container
- Standard 1 year warranty



### Software

#### **ControlCAT Metrology Software**

- Easy to use geometric measurement tool
- Measures manually or DCC. Creates constructions for most common geometrics including:
 

Plane	Line	Point	Sphere
Circle	Slot	Cone	Reference
- Reports actual and nominal information to Excel spreadsheet
- Program remembers geometry and plays back for repetitive part measurements



#### **Coming soon.... I++ Server Software**

- Works with standard metrology software including:  
Aberlink 3D Software, Rational DMIS, CMM Manager and PCDMIS
- Ability to connect to zCat from a single network station



Aberlink  
3D Software



Rational  
DMIS



CMM  
Manager



PCDMIS

### **Fowler High Precision**

66 Rowe Street • Newton • Massachusetts 02466 • 1-800-788-2353 • (617) 332-7004 • (617) 332-4137 Fax  
**www.fowlerprecision.com** **E-mail: sales@fvfowler.com**

*Prices & specifications subject to change*

## zCat Specifications

Working volume	X and Y 700mm diameter, Z 250mm
Diametral Accuracy	$2.0 + D / 100\text{mm}$
Linear Accuracy	$4.0 + L / 100\text{mm}$
Fixturing accuracy requirement	5mm
Machine speed	User controlled to 150 mmps
Machine air requirement	None required
Construction	Stainless steel for all structural components
Machine power requirements	100-240 V AC $\pm$ 10%, 50-60Hz
Battery life	4 hours with normal use, 3 hours at peak
Power consumption	Peak 15 W, normal 10 W
Manual motion control	User controlled by hand movement of probe
Controller	Onboard PCB provides motion control, error mapping, I++ interface and ControlCAT metrology software
Temperature compensation	Onboard monitoring and compensation
Probe Type	Fowler zCat touch trigger probe
Machine weight	13.6kg, 30lbs
Machine dimensions (W x D x H)	420mm x 172mm x 620mm

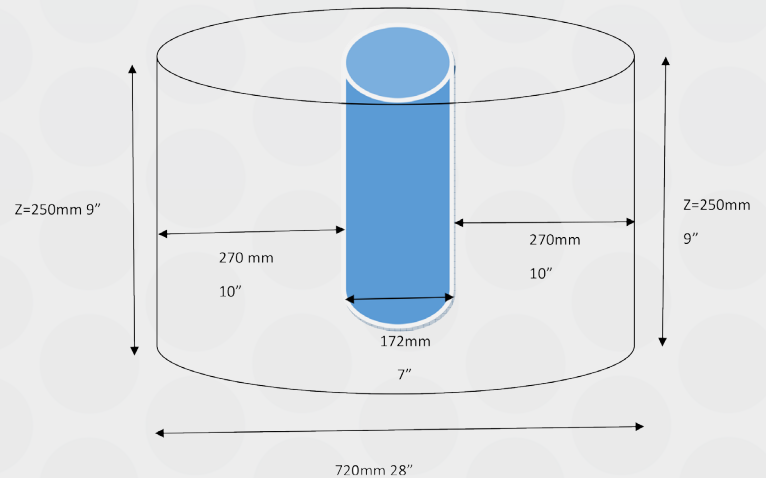
## zCat Dimensions



## zCat Accuracy:

1. Diametral Accuracy (micron):  $2 + D / 100$
2. Length Accuracy (micron):  $4 + L / 100$

### zCat Measurement Volume



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