

# Zeltex<sup>®</sup> ZX-50<sub>SRT</sub>

## Portable Near-Infrared Seed Analyzer

### Seed Research Technology

Specially Designed for Quick, Accurate  
Analysis of Protein, Moisture,  
and Oil in Small Quantity Samples

Ideal for In-Field or Lab Testing:

- Seed Research Labs
- Seed Breeders/Developers
- Crop Specific Applications
- Educational Applications

**For Analysis**

**...Where you need it most**

**...When you need it most™**

**New  
From  
Zeltex!**



**Accurate, NIR Analysis  
For Samples as Small  
as 20 grams**

# Portable Near-Infrared Seed Analyzer

## ZX-50 Seed Research Technology

### Superior Technology for Large AND Small Sample Sizes

The patented ZX-50SRT is the industry's first and only NIR analyzer specifically designed for and proven to provide accurate analysis of small sized samples ... **samples as small as 20 grams!**

### Analyze Your Seeds Quicly & Accurately

The ZX-50SRT lets you test your small quantity samples in as little as 30 seconds.

The ZX-50SRT eliminates the need to mix or damage your experimental seeds just for the sake of analysis. As few as **three** stalks of grain is all you need to obtain a quantitative analysis of:

- Protein
- Oil
- Moisture

Now you can:

- Know the full potential of the seeds you develop
- Segregate your experimental seeds for optimal plant population
- Maximize your seeds' constituents
- Maximize your profit

### Simple to Use/Easy to Operate

The ZX-50SRT requires no special skills to operate.

Simply pour the whole grain to be analyzed into the ZX-50SRT's patented sample holder, and place the cup into the analyzer.

No special sample preparation is needed. The sample is not damaged in any way. There is no waste or chemical by-products.

Once activated, the ZX-50SRT quickly measures the grain's protein, moisture, and oil concentrations and displays them on the analyzer's built-in LCD display or prints on the optional printer.

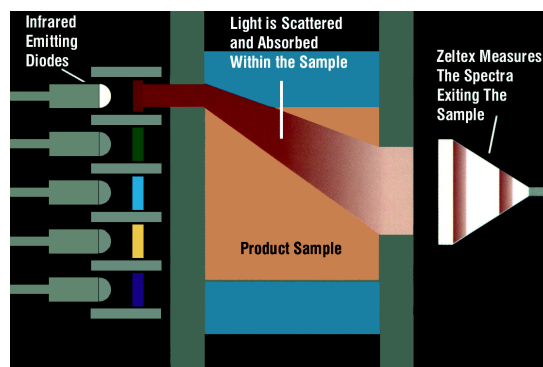
### Measures Large Samples Too

ZX-50SRT is versatile. With just a fast and simple change of sample cups, you can measure large samples over 100 grams giving you the ability to use the ZX-50SRT just like its "older brother," the ZX-50.

### How It Works: Applied Science In Measurement

#### Diffuse Transmittance

Light energy that enters the sample is scattered and absorbed within the sample. The ZX-50SRT measures the spectra exiting the sample, and directly displays the product's constituent concentrations



Small Quantity Sample Holder  
(Quarter Shown for Scale)



Standard Quantity Sample Holders

For Analysis  
...Where you need it most  
...When you need it most™

**Zeltex**  
Inc.  
ISO 9001 CERTIFIED